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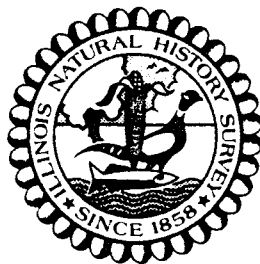
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September 1986

# ILLINOIS NATURAL HISTORY SURVEY



## Section of Wildlife Research

FINAL REPORT SUBMITTED TO  
ILLINOIS DEPARTMENT OF CONSERVATION

Aerial Census of Canada Geese and Waterfowl  
1 July 1985 - 30 June 1986

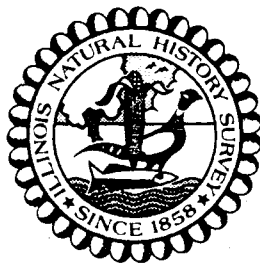
by

Stephen P. Havera

9 September 1986



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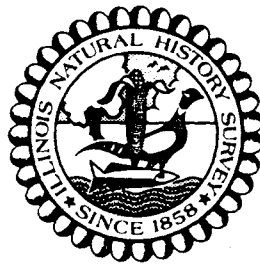
Aerial Census of Canada Geese and Waterfowl  
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## AERIAL CENSUS OF CANADA GEESE AND WATERFOWL

Periodic aerial waterfowl inventories were conducted during the 1985 fall migration along the Illinois and central Mississippi river valleys on 4 and 18 September; 15, 23, and 28 October; 4 and 20 November; 2 and 12 December; and 6 January. These inventories included the Illinois River valley from Spring Valley south to Grafton and the Mississippi River valley from Moline, Illinois, south to Alton, Illinois. In addition selected reservoirs and cooling lakes and the floodplain of the Mississippi River from St. Louis, Missouri, to Cairo, Illinois, were inventoried on 7 January 1986.

Peak numbers of ducks during the fall of 1985 increased over the numbers observed during the fall of 1984. In the Illinois River valley, the peak number of all ducks censused was 847,165 for 1985 as compared to 349,080 for 1984 and a mean of 418,221 for the 5-year period of 1980 through 1984. A similar trend was observed for the central Mississippi River region where the peak number of all ducks for 1985 was 772,190 as compared to 407,030 for 1984 and 633,410 for the 5-year mean of 1980 through 1984. For both rivers combined, the peak number of total ducks was 1,609,955 for 1985, substantially higher than the 1984 value of 756,110 and the 5-year mean of 1,036,500 for 1980-1984.

Sizeable increases in the peak numbers of mallards, scaup, and Canada geese occurred in the Illinois and Mississippi river

valleys during the 1985 fall migration. During 1985, 1984, and the 1980-1984 period, the peak numbers of mallards inventoried in the Illinois Valley were 484,895, 259,465, and a mean of 350,246, respectively. For both river valleys combined, the peak number values for mallards were 719,620 for 1985, 389,915 for 1984, and an average of 571,959 for the 1980-1984 period. Scaup numbers in the Mississippi Valley peaked at 219,700 during the 1985 fall migration as compared to 117,155 for 1984 and an average 189,564 for 1980-1984.

Because of the wide-spread flooding of the river system during November 1985 as a result of record-setting levels of rainfall, the peak numbers of Canada geese in both valleys dramatically increased over previous years. In the Illinois Valley, the peak number of Canada geese in 1985 was 80,420, as compared to 9,170 in 1984 and a 5-year average of 14,741 for the period of 1980-1984. Similarly, the peak number of Canada geese inventoried in the Mississippi Valley was 43,700 in 1985 as compared with 10,775 in 1984 and an average of 12,644 for the period of 1980-1984.

As a consequence of increased numbers of waterfowl, the number of use-days expended by waterfowl in the Illinois and Mississippi river valleys also increased in 1985. The number of use-days in the Illinois Valley in 1985 and 1984, respectively, were 36,258,260 and 20,883,776 for all ducks, 21,379,335 and



15,162,375 for mallards, 1,342,843 and 512,510 for scaup, and 4,247,818 and 550,638 for Canada geese. For the Mississippi River valley, the number of use-days in 1985 and 1984, respectively, were 35,107,141 and 24,031,724 for all ducks, 11,573,167 and 9,465,875 for mallards, 5,495,950 and 4,803,075 for scaup, and 1,834,873 and 595,128 for Canada geese.

Upper 6030  
Lower 19245

TOTAL DUCKS: 25275  
TOTAL GEESE: 860

DATE: Sept 4, 1985

**UPPER ILLINOIS VALLEY**  
**Robert Crampton**

LOCATION	MALLARD	BLK	ENT	BWT	GWT	WIG	GNAD	SH	SCAUP	RN	CNVB	RH	PH	RDY	GLD	C	MER	B&SG	GT	CG	CG	CORP	AD	IM	COOT
Turner Lk.	10			20																					
DePue, Spring	40			175	30																				
Coleman	60			150																					
Bureau Ponds	0																								
Goose Pond	375	5	20	1400	100	25																			
Senachwine	200			400	25	40																			
Siebold	15			30																					
Sawmill	30			50																					
Billsbach	15																								
Wise's Lk.	10																								
Sparland	20																								
Whitman	0																								
Sawyer	30			75																					
Hitchcock	15																								
Round Pond	40			30																					
Meadow	0																								
Rice Pond	250	5	15	900	80	30														20					
Goose Pond	25																								
Upper Peoria	80			175																25					
Lower Peoria	20																			35					
Pekin Lk. Area	200		10	600	60															75					
Powerton Lk. Area	50			80		15																			
TOTAL UPPER	1485	10	45	4085	295	110														155					
TOTAL LOWER	4910	15	65	13870	1320	265														705					
TOTAL	6395	25	110	16955	1515	375														860					

## WATERFOWL CENSUS DATA

TOTAL DUCKS: 19245 TOTAL GEESE: 705 DATE: Sept. 4, 1985

LOWER ILLINOIS VALLEY Robert Crompton

LOCATION	MALLARD	BLK	INT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	BH	RDY	GLD	C	BESG	GT	CG	OG	CORW	AD	IM	BALD EAGLE	COOT	CATTLE EGRETS
Spring Lk.	400			700	50	50												125								
Rice Lk.	700			900	75	20												50								
Banner C. Lk.	25																	60								
Banner Mine	40			150		10												115								14
Big Lk.	500	5	15	800	135													40								
Goose Lk.	80		10	250	40													10								
Clear Lk.	200			1000	150	30												65								
Chautauqua	600		15	1700	175	40												25								
Quiver Cr.	350			175	30	15												80								
Quiver Lk.	25			650	60																					
Bath Lk.	75			225																						
Grass Lk.	150			400	40																					
Anderson	80			50																						
Moscow	60			350																						
Jack Lk.	300			1100	80	50																				
Snicarte	30			100														40								
Ingram Lk.	50			600	60																					
Stewart	80			150																						
Crane Lk.	450	10	20	1300	135	25												75								
Cuba Is.	300		5	500	50	15												20								
Chain Lk.	50			250	70																					
Sargamon	10																									
Treadway	75			700	40	10																				
Muscooten	5																									
Big Prairie	10																									
Meredosia	150			800	50																					
Smith Lk.	15			20																						
TOTAL LOWER	4910	15	65	13870	1330	365												705								14

## WATERPOWL CENSUS DATA

Upper 9740  
Lower

DATE: Sept. 4, 1985

UPPER MISSISSIPPI VALLEY  
Robert Crompton

LOCATION	MALLARD	BLK	ENT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RH	BH	RDY	GLD	C	B&SG	GT	CG	CORM	BALD EAGLE		COOT
																					AD	IM	
Keokuk - N.	500	10	25	500	25	185																20	
Arthur Ref.	250			350	30																	5	
Nauvoo-Ft. Mad.	700	15	40	1800	100	80																30	
Ft. Mad-Dallas	200		15	500	60	30																	
Dallas-Burl.	80			650	50	50																	
Turkey Sl.	15																						
Burl.-Oquawka	250			450	20																		
Crystal Lk.	25			40																			
Oquawka Ref.	75			200																			
Oqu.-Keithsburg	150			350	50																		
Keithsburg Ref.	200			400	25	15																	
New Boston	20			15																			
Louisa Ref. Area	175			200	25																		
Louisa-Musc.	40			275	75															20			
Musc.-Moline	80			325	40	25																	
Andalusia Ref.	50			25																			
TOTAL UPPER	2810	25		6040	500	325														20		55	
TOTAL LOWER																							
TOTAL																							

Lower Mississippi - No Census - Poor visibility.

## WATERFOWL CENSUS DATA

 Ducks-Upper 21,620  
 Ducks-Lower 33,095
Canada Geese 200DATE: September 18, 1985UPPER ILLINOIS VALLEY  
Robert GromptonTOTAL DUCKS: 54,715 TOTAL GEESE: 3,425

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RDY	GLD	C	H	CG	GT	B&SG	COOT	CORN	BALD EAGLE	AD	IM	CATTLE
Turner Lk.	40			75	15																			
DePue, Spring	150			350	75	80	15									20								
Coleman	400			500	50	60	10																	
Bureau Ponds	25																							
Goose Pond	1400	10	75	3800	400	275	40									20					13			
Senachwine	650	5	40	2400	250	125	20									35					8			
Siebold	125			350	40																			
Sawmill	65			175	60	30																		
Billsbach	100			80	20																			
Wise's Lk.	15			25																				
Sparland	30			30																				
Whitman	10			40																				
Sawyer	60			175	40	50																		
Hitchcock	250	5		80	15											15					8			
Round Pond	80			150	60																			
Meadow	20			35																				
Rice Pond	1200	15	60	1400	150	125	25														12			
Goose Pond	125			80																	6			
Upper Peoria	500		30	600	80	50										50	25				17			
Lower Peoria	175			150	30	20										60					9			
Pekin Lk. Area	700	5	50	1200	125	150	15									375					21			
Powerton Lk. Area	350		75	250	40	225	20									250					13			
TOTAL UPPER	6470	40	330	11945	1450	1240	145									200	710			0	107			
TOTAL LOWER	9385	30	800	19315	1720	1665	180									0	355			90	240	1		73
TOTAL	15855	70	1130	31260	3170	2905	325									200	3225			90	347	1		73

## WATERFOWL CENSUS DATA

TOTAL DUCKS: 33,095

TOTAL GEESE: 2,515

DATE: September 18, 1985

LOWER ILLINOIS VALLEY Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RDY	GLD	C	H	CG	CG	GT	B&SG	COOT	CORN	BALD EAGLE	CATTLE	
																						AD	IM	Egrets
Spoon Riv. Bottom	175			450	50													350			35			11
Nigger Lake	225			600	60	30												200		30				5
Spring Lk.	650		50	800	75	125	30											150		40				
Rice Lk.	1000	5	100	2100	300	175	20											300		20	20			
Banner C. Lk. Area	30					10												700						
Banner Mine	250		40	350	30	80												75			30			13
Big Lk.	700	5	125	1400	175	150	15											200			15			
Goose Lk.	175	5		550	50	40	10											35			5			
Clear Lk.	500		100	700	60	125	20											80			20			
Chautauqua	1800	10	175	3200	250	250	40											150			40			5
Quiver Cr.	650		40	600	40	125	20											175			5			
Quiver Lk.	60			350	20													10			10			
Bath Lk.	325		20	400	40	60	10															1		
Grass Lk.	75			250	25	30															5			
Anderson	50			275	20	40																		
Moscow	100			650	60	20																		
Jack Lk.	150		25	500	25	60												25			15			
Snicarte	80			275	50	30																		22
Ingram Lk.	350		20	800	75	50																		
Stewart	75			450	25													10						
Crane Lk.	400	5	40	1700	50	80	15											40			20			
Cuba Is.	500		25	800	75	50												15			5			
Chain Lk.	225			350	30	20																		
Sangamon	60			200	15																10			7
Treadway	325		15	550	50	40															5			
Muscooten	15			25																				
Big Prairie	10			15																				10
Meredosia	400		25	900	60	75																		
Smith Lk.	30			75	10																			
TOTAL LOWER	9,385	30	800	19,315	1,720	1,665	180											2,515		90	240	1		73

WATERFOWL CENSUS DATA      Ducks-Upper 38,330  
    Ducks-Lower 16,815

DATE: September 18, 1985

UPPER MISSISSIPPI VALLEY  
 Robert Crompton

LOCATION		TOTAL DUCKS: 55,145										TOTAL GEESE: 0												
		MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RDY	GLD	C	H	CG	GT	B&SG	COOT	CORM	BALD EAGLE	IM	White Pelican
Keokuk - N.		1400	15	150	800	80	600	75												60	40			
Arthur Ref.		800		80	700	100	250	20												20				
Nauvoo-Ft. Mad.		2,700	20	400	5,300	400	900	80												125	65			12
Ft. Mad-Dallas		900	10	250	1,900	175	350	30												75	20			6
Dallas-Burl.		450		125	1,500	125	400	50													12			
Turkey Sl.		15			35																			
Burl.-Oquawka		1,800	10	500	3,400	300	900	80												150	18			
Crystal Lk.		125			150	20	60																	
Oquawka Ref.		150		30	300	60	75																	
Oqu.-Keithsburg		1,100	15	350	1,700	250	600	115													7			
Keithsburg Ref.		150		25	250	35	50														4			
New Boston		40			125	25																		
Louisa Ref.		125		30	500	60	60																	
Louisa-Musc.		350		60	900	125	150														11			
Musc.-Moline		525	5	100	650	80	275	25												35	5			
Andalusia Ref.		80			275	30	50														9			
TOTAL UPPER		10,710	75	2,100	19,485	1,865	4,620	475												465	191			18
TOTAL LOWER		3,725	35	900	9,625	1,185	1,425	180												35	100			0
TOTAL		14,435	110	3,040	28,110	3,050	5,745	655												500	291			18

DATE: September 18, 1985

**TOTAL GEESSE: 0**

LOCATION	MALLARD	BLK	TOTAL DUCKS: 10,813										TOTAL GEESE: 0										RDY	CNVB	GT	CG	H	C	MER	CG	BESG	COOT	CORM	BALD EAGLE	
			PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	RDY	GLD	MER	CG	BESG	COOT	CORM	AD	IM																
Goddard	0																																		
Stump	450		100	1200	125	175	20																												
Flat, Swan	1300		400	3300	250	350	50																												
Gilbert	60		15	75	20	30																													
Grafton-Alton	25			150																															
Hagar	80		25	300	40	40																													
Marias Temp	30			75	20																														
Dardenne	150		50	600	50	80																													
Cuivre	60			250	75	60																													
Batch Pool	450	15	125	550	80	40	20																												
Batch Ref.	75		30	375	50	25																													
Gilead	50			150	20																														
Cannon Ref.	35			200	30																														
Duck Club	80			75																															
Calumet Ref.	20			60	15																														
Sny Slough	0																																		
Delair Ref.	50			350	50																														
La.-Saver.	125	10	60	525	75	80	25																												
Shanks Ref.	30			80	20																														
Saver.-Hann.	80		20	275	40	40																													
Gardner Cl.	10																																		
Hannibal-Quincy	150	5	75	335	50	115	40																												
Quincy-Meyer	100			200	75	30																													
Gardner Ref.	40			60																															
Meyer-Keokuk	275	5	40	450	100	60	25																												
TOTAL LOWER	3725	35	940	9625	1485	1125	180																												



## WATERFOWL CENSUS DATA

Ducks-Upper 98,825  
Ducks-Lower 323,785

Canada Geese 49,565

DATE: October 15, 1985

UPPER ILLINOIS VALLEY  
Robert Crompton

TOTAL DUCKS: 421,610 TOTAL GEESE: 62,480

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RDY	GLD	RH	Small Geese	CG	GT	B&SG	COOT	CORM	BALD	EAGLE	Cattle
																					AD	IM	Egrets
Turner Lk.	150		30	125	400	80		75											450				
DePue, Spring	600	15	175	80	250	300	60	25								125		40	1500				
Coleman	1500	20	450	200	800	1300	125	60							80	450		125	2800	14			
Bureau Ponds	30					25												150					
Goose Pond	9300	25	800	600	1300	3500	250	200	80	150	75	200		25	300	1800		500	11000	45	1	1	30
Senachwine	4600	15	350	300	1000	1200	175	125	150	200	30	350			500	2700		350	6500	30	1	0	23
Siebold	700	5	150	80	350	275	40	60							25	250		60	1300	8			
Sawmill	550	15	80	150	500	350	20	20								75		100	1800	8			
Billsbach	250		50	75	250	80		75								100			700	12			
Wise's Lk.	175			60	150			30								40			250				
Sparland	325															15			450				
Whitman	60					25													275				
Sawyer	700	15	80	125	350	175	20	60								80		40	800	5			
Hitchcock	1600	10	50		40	150	50		25						75	600		235	150	16			
Round Pond	500	5				80										175		25	1000	4			
Meadow	30					15										25			225				
Rice Pond	16000	50	6800	900	3400	8000	900	350	75	100	60	125		30	250	2500	300	1200	15000	50			65
Goose Pond	1200	15				600			125	150	80	200		40	25	400	75	150	6300	5			
Upper Peoria	6500	25	1200	150	1300	1600	150	125	100	125	50	325		15	75	1200	650	600	10000	200	1	0	
Lower Peoria	550	5	75	40	250	300	40	50	25	60					40	200	125	50	3200	25			
Pekin Lk. Area	1900	15	375	250	900	750	175	125								350	200	175	6400	125	1	0	80
Powerton Lk. Area	750	5	80	125	450	225	80	50	60	80	30	125			175	650	175	250	9000	13			45
TOTAL UPPER	46,970	240	10,745	3260	11,750	19,030	2085	1430	640	915	325	1325		110	1545	12,035	1525	3780	79150	560	4	1	243
TOTAL LOWER	131,570	410	60,505	10,705	25,860	74,525	6930	5845	1760	1405	825	7510		235	1325	38498	4650	9125	160,600	2147	5	1	677
TOTAL	178,540	650	71,250	11,965	37,610	93,555	9015	7275	2100	2320	1150	7835		345	2870	40,520	6175	12815	239,750	2707	9	2	920

## WATERFOWL CENSUS DATA

TOTAL DUCKS: 322,185

TOTAL GEESE: 43,585

DATE: October 15, 1985

LOWER ILLINOIS VALLEY Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RDY	GLD	RH	Small Geese	CG	GT CG	B&SG	COOT	CORN	BAID AD	EAGLE IM	White Pelicans	Cattle Eggs
Norris Farms																								
Spoken Rvr. Bottoms	650		225	350	800	900	50	315							400	5300	600	2600		165			11	180
Spring Lk.	1600	15	475	250	400	800	75	80	40	60	80	75		25		60	40	8000	18				20	
Rice Lk.	7300	25	1400	1000	2900	1800	350	400	180	40	50	325				275	150	60	8800	45			9	
Banner C. Lk.	250		25	40	60	125	15		20			30				125	900	80	300	4	1	0	8	
Banner Mine	800	5	300	550	425	450	60	25								300	700	250	1000	13			65	
Big Lk.	4400	30	900	700	600	1200	300	175	40	75	60	75				80	150	100	1300	20	1	0	50	
Goose Lk.	225	5	125	175	300	175	10	80											400					
Clear Lk.	27000	40	18000	1100	2800	16000	900	600	225	300	100	300		30	100	4500	450	700	24000	125			40	
Chautauqua	19000	30	9000	1300	3600	12000	600	1200	300	250	115	175		60	300	8000	900	1500	29000	350	1	1	150	
Quiver Cr.	1300	15	500	400	900	1300	450	150							75	1200	250	500	1200	25			60	
Quiver Lk.	400		125	125	350	75						20				150	30	60	500	50				
Bath Lk.	650	10	80	200	375	125	40	30								40			175	8				
Grass Lk.	8500	30	3700	100	500	6300	700	150	80	50		75			50	400	50	125	9000	200				
Anderson	1200	20	400	250	1300	650	100	450	30	20		150				100	20	175	6500	150	1	0	80	
Moscow	800	15	375	350	500	400	80	75								25			400	12				
Jack Lk.	21000	40	7500	400	1100	12000	800	350	75	150	125	500		40	150	2300	150	800	24000	175			15	
Snicarte	450	5	700	450	600	900	275	100								150			600	30				
Ingram Lk.	900	10	75	150	350	275	60	40	30	30	15	25				225	40	75	2100	40				
Stewart	500	5	20	275	400	50		75	15			40				60			900	15			33	
Crane Lk.	10000	30	7200	400	1200	6700	600	400	225	200	175	450		50		500	150	900	18000	175	1	0	12	
Cuba Is.	7500	20	5300	600	2100	6000	450	250	60	80	30	80			150	900	80	350	7800	125				
Chain Lk.	5800	25	800	250	1200	1600	80	125								300		75	3300	150				
Sangamon	850	5	75	80	150	175	30								25	475		150	1200	75				
Treadway	6300	15	1700	500	1300	2600	325	175	40			150				850		175	2700	40				
Muscooten	40											15				30			900					
Big Prairie	80		30	150	400	75										400		80	650					
Meredosia	3900	15	900	500	1100	1500	650	500	100	150	75	125		20		75	1700	450	7500	125			8	
Smith Lk.	175		275	60	150	350	30	40								40		20	375	12				
TOTAL LOWER	131,570	410	60505	10,705	25860	74,253	6,930	5845	1,460	1,405	825	250		235	1325	3885	4650	9125	160,600	2,417	5	1	74	617

WATERFOWL CENSUS DATA Ducks-Upper 118,035  
Ducks-Lower 180,675

DATE: October 15, 1985

UPPER MISSISSIPPI VALLEY  
Robert Crompton

TOTAL DUCKS: 298,710 TOTAL GEESSE: 25,525

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RDY	GLD	C	MER	RH	CG	Small CG	B&SC	COOT	CORN	BALD	EAGLE	IM	White Pelicans
Keokuk - N.	1300	30	475	100	350	1000	250	40	500	375	150	600				40	250		300	23,000	35	2	1	5	
Arthur Ref.	2800	40	1500	600	1800	4700	900	500				25							10,000						
Nauvoo-Ft. Mad.	6200	25	3700	800	2600	7400	1200	800	315	250	75	850				25	400	75	175	31,000	115	1	1	16	
Ft. Mad-Dallas	3600	50	2200	500	1700	5300	700	600	150	175	40	350				15	275	40	250	16,000	55	1	0	33	
Dallas-Burl.	2400	20	900	350	900	1700	225	275	60	80	50	125					650	125	150	8,500	33	1	0	4	
Turkey Sl.	375			60	175	90														1,300	12				
Burl.-Oquawka	0																								
Crystal Lk.	500	5	175	50	125	375	100	20									40			1700	8				
Oquawka Ref.	2900	15	800	500	1600	2300	700	150									250	50	60	6,500	60				
Oqu.-Keithsburg	5300	30	1500	250	1000	3200	1200	450	75	125	80	450				25	800	150	500	29,000	32	1	1	8	
Keithsburg Ref.	1700	15	1200	650	1300	2400	450	175									350	100	175	3,800	16	1	0		
New Boston	600	10	275	50	275	650	125	40									100		40	1,500	8				
Louisa Ref.	1500	25	350	250	700	900	250	200	35	50		25					2300	200	250	2,700	14				
Louisa-Musc.	900	15	175	80	325	650	175	50	100	175	60	350				30	500		350	3,400	25	1	2		
Musc.-Moline	3700	30	800	175	550	1600	350	80	60	125	100	475				50	700	75	225	8,200	10				
Andalusia Ref.	1500	10	175	50	275	400	75	40									150		50	4,700	15				
TOTAL UPPER	35,275	330	14925	4465	13675	32655	6700	3420	1,355	1,355	555	350				185	4765	815	2525	151,300	438	8	5	56	
TOTAL LOWER	48,785	245	39155	10,800	23,085	44820	4530	5670	915	900	345	1230				135	9040	1155	5225	124175	582	3	1	104	
TOTAL	84,060	565	54080	15325	36760	77475	11,230	9090	2,270	2255	900	4380				320	5805	1970	7750	275475	1020	11	6	160	

## WATERFOWL CENSUS DATA

DATE: October 15, 1985

## LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	TOTAL DUCKS: 180,675										TOTAL GEESE: 15,420										BALD EAGLE				WHITE PELICANS	
	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CNVB	RDY	GLD	C MER	R H	CG	Small CG	B&G	COOT	CORN	AD	IM				
Goddard Area	1200	25	600	350	800	1000	200	150								450	75	40	2400	8						
Stump	1800	15	450	900	1700	1300	350	400	25			15				300	75	75	9000	23					12	
Flat, Swan	12000	35	6500	3800	4900	8700	800	900	150	200	80	175			25	900	125	450	41000	275					55	
Gilbert	400	5	125	75	350	250	60	80				10				350	30	40	1200	25						
Grafton-Alton	50		35		75	80													850	9						
Hagar	1500	5	400	500	1300	850	175	50								75			4800	12						
Marias Temp	800	10	650	275	600	900	80	80								50		100	3700	4						
Dardenne	6800	25	14000	800	2200	12000	1000	1200	40			15				400	50	900	16000	28					6	
Cuivre	3400	20	6500	450	1000	5300	400	250								125		50	4600	9						
Batch Pool	5700	25	2300	1700	2800	3200	275	600	125	175	125	175			40	850	200	650	11000	57					10	
Batch Ref.	1200	10	1400	700	1500	1900	250	175				30				250	25	80	2900	13						
Gilead	450		375	50	175	500	30	50								60			1700	7						
Cannon Ref. Area	7200	20	4200	1200	2900	5800	350	800	30			20				150		400	7500	10					3	
Duck Club	600	5	150	75	175	225	30	60								100		125	1200	4						
Calumet Ref.	450		40	50	80	75		80								30			800							
Sny Slough	15																		175							
Delair Ref.	700		75	125	400	125		60				35				1500	200	600	1500	13					6	
La.-Saver.	1900	20	900	650	1700	1500	325	450	175	225	80	250			40	2700	350	200	13000	40						
Shanks Ref.	1400	5	350	80	200	800	175	150								80		15	2300	4						
Saver.-Hann.	125		30		50	75		20	30			50				325		250	7600	16						
Gardner Cl.	80		15		30	40													500							
Hannibal-Quincy	400	5				25		40	65	50		80				60	60	25	1200	7		1	0			
Quincy-Meyer	175			30	75	50		25	75	75		125				20		50	1600							
Gardner Ref.	115															40			250							
Meyer-Keokuk	325	15	60	50	175	125	30	50	200	175	60	250			30	225	40	175	7400	18		2	1	12		
TOTAL LOWER	48,785	245	39155	10860	23085	44820	4530	5670	915	900	345	1230			135	9010	1155	5225	124175	582		3	1	104		

## WATERFOWL CENSUS DATA

DATE: October 23, 1985

Lower Illinois

Robert Crompton

LOCATION	MALLARD	BLK	PWT	BWT	GWT	WTG	GAD	SH	SCALP	RN	CRVB	RN	RDY	BH	RB.MER	TOTAL DUCKS	CG	GT.CG	B&SG	TOTAL GEESE	COOT	EGRETS	M. PEL.
Spoon River Btms.	5,700	15	900	550	2,200	1,500	125	500	500	200	150	75	50	60		12,525	5,700	500	4,700	10,900	6,500	215	23
Spring Lk.	6,900	30	2,600	350	1,800	3,700	650	180	150	100	60	30	150	40		16,740	350	275	500	1,125	28,000	125	7
Rice Lk.	12,500	40	3,200	800	3,900	4,800	900	450	225	180	75	40	275	15		27,400	800	450	900	2,150	17,000	50	
Banner C. Lk.	100	40	40	60	60	80	20	30	275	250	50	25	140			1,045	300	900	225	1,425	600	15	
Banner Mine	4,200	15	500	125	800	1,200	350	50	100	60	25		80			7,505	1,000	850	400	2,250	2,500	150	8
Big Lk.	5,800	20	450	375	900	1,000	250	100	225	175	80	25	125			9,525	450	300	350	1,100	1,400	30	6
Goose Lk.	1,300	10	125	100	850	325	50	175	15			20				2,970	125	125	60	310	800	10	2
Clear Lk.	36,000	75	15,000	500	3,600	22,000	900	450	700	450	275	60	650	35		80,695	4,600	250	4,200	9,050	46,000	25	12
Chautauqua	28,000	50	12,000	800	4,300	17,000	1,100	600	450	325	125	80	500	75		65,405	5,400	300	3,400	9,100	59,000	15	8
Quiver Cr.	3,700	40	1,400	350	1,800	2,000	275	80	80	25			40	15		9,805	500	175	350	1,025	3,500		
Quiver Lk.	1,200	15	450	125	600	900	60	20	60	30			30			3,490	150		50	200	1,200		
Beth Lk.	1,900	5	600	75	350	1,300	125	80	175	100	30		150			4,890	225	75	75	300	4,000	8	7
Grass Lk.	8,800	25	4,600	400	1,000	5,800	450	75	250	200	80	30	125	175		22,010	300	75	225	600	8,500	15	4
Anderson	3,200	15	1,200	250	1,200	1,600	175	300	175	80	30		75			8,300	150		75	225	11,000		
Moscow	1,500	15	800	225	800	1,400	75	50	115	30			30			5,040	150			150	2,100	35	
Jack Lk.	24,000	50	9,500	600	2,900	14,000	800	250	500	750	275	80	800	125		54,630	1,300	50	350	1,700	41,000		10
Snicarte	1,900	20	1,500	450	1,300	2,000	350	175	80	25						7,800	450		125	575	2,700		
Ingram Lk.	5,700	40	1,300	300	1,700	1,800	175	60	275	350	100	40	325	50		12,215	1,900	60	800	2,760	7,500		16
Stewart																0				0			
Crane Lk.																0				0			
Cuba Is.																0				0			
Chain Lk.																0				0			
Sanganon																0				0			
Treadway																0				0			
Muscotoot																0				0			
Big Prairie																0				0			
Heredosta																0				0			
Smith Lk.																0				0			
TOTAL LOWER	152,400	480	56,165	6,375	30,060	82,405	6,830	3,625	4,350	13,330	1,355	480	3,545	590	0	351,990	23,850	4,310	16,785	44,945	243,300	695	103

weathered Out



STEREOPH. CENSUS DATA

DATE: October 28, 1985

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCALP	RH	CHVB	RH	ROY	GLD	BH	C-MER	H-MER	RB-MER	TOTAL DUCKS	CG	SM-CG	GT-CG	B&SG	TOTAL G	COOT	EGRET	W. PEL.
Spoon Riv. Bms.	4,900	10	175	500	1,200	350	40	60	75	25	20	40	40	5	15				7,335	4,300	475	8,500	13,275	200	150	24	
Spring Lk.	4,500	35	550	80	350	500	60	80	900	125	40	60	60	10	5				7,260	400	15	450	865	24,000	20	15	
Rice Lk.	6,700	25	150	200	400	225	40	30	350	80	40	60	60			5			8,315	80	40	120	18,000	5			
Banner C. Lk.	80				50	80	15		500	175	60	20	20		25				1,005	50	350	35	435	400	5	25	
Banner Mine	3,600	30	600	175	600	1,700	250	60	800	250	75	25	50						8,215	900	1,200	600	2,700	6,300	65		
Big Lk.	39,000	50	8,400	350	2,400	14,000	800	250	1,300	700	350	80	400	30	40	50	30		68,230	2,600	450	1,800	4,850	29,000	35	40	
Goose Lk.	8,500	15	700	500	1,600	1,400	350	125	500	250	80	30	125	40	15				14,230	350	80	150	580	6,500	15		
Clear Lk.	48,000	80	14,000	600	3,700	23,000	1,600	450	2,200	1,000	550	225	800	75	200	30			96,510	2,500	60	700	3,260	67,000	25	200	
Chautauque	40,000	90	8,500	800	4,400	15,000	1,000	300	1,700	800	325	150	1,100	115	150	60	20		74,510	7,200	450	6,000	13,650	84,000	40	150	
Quiver Cr.	5,300	15	600	450	1,600	1,300	350	75	50										9,740	700	175	125	1,000	6,400	15		
Quiver Lk.	150			40	175				125	40									530					0	1,700	10	
Bath Lk.	600	5	125	250	700	325	80	15	200	75	40		30	5					2,450	15			15	3,300			
Grass Lk.	7,500	25	900	100	800	1,700	250	50	600	175	80		50	15		10			12,255	100		250	350	13,000			
Anderson	800	5	80	75	250	300	40	25	175	50			30						1,830					0	9,500	15	
Moscow	375	5	60	80	175	100	20		50	20									885					0	1,900		
Jack Lk.	32,000	50	8,700	150	500	13,000	650	175	1,400	600	175	60	600	25	80	20			58,185	500	30	150	680	55,000	20	80	
Smicarte	900	15	175	125	350	450	50	50	80	30									2,225	60		125	185	2,800			
Ingram Lk.	1,800	10	100	250	800	325	60	15	150	80			50						3,640				0	6,500			
Stewart	400	5	40	80	125	100			35				40						825				0	1,700			
Crane Lk.	56,000	125	12,000	400	3,300	21,000	2,300	250	3,300	900	450	175	800	75	125	30	40		101,270	1,000	100	1,300	2,400	75,000		125	
Cuba Is.	25,000	40	5,800	600	2,700	10,000	700	125	250	100	75	30	150	25					45,595	700	75	1,000	1,775	25,000			
Chain Lk.	1,400	15	250	150	600	800	75	50	40				275	5	25				3,380	30			30	5,800			
Sargason	3,800	25	1,200	175	500	2,700	400	80	225	175	60								9,645	1,900		2,400	4,300	7,600	10	25	
Treadway	27,000	40	2,700	250	1,200	5,400	350	125	375	150	30		60	10	10				37,700	800		325	1,125	18,000			
Muscoten	35								80	25			25	5	10				180				0	1,000		10	
Big Prairie	375		125	200	650	300	15	50											1,715	500		250	750	1,200			
Mercedesia	12,000	25	1,700	350	1,600	2,400	450	175	650	250	125	60	300	40	40	15	30		20,210	400		700	1,100	23,000	35	40	
Swilk Lk.	175		60	35	150	40		25	30										515	50			50	450			
TOTAL LOWER	330,890	740	67,690	6,965	30,875	116,495	9,945	2,640	16,140	6,075	2,535	835	5,005	480	710	245	120	0	598,385	25,135	0	3,500	24,860	53,495	194,450	465	734

## Waterfowl Census Data

DATE: October 28, 1985

## UPPER MISSISSIPPI VALLEY

LOCATION	MALLARD	BLK	PNT	BUT	GRT	WIG	GAD	SH	SCAP	RM	CHVB	RH	BOY	GLD	BH	C-MER	H-MER	OLDSD	TOTAL DUCKS	CG	S. CG	BLSS	TOTAL GE	COOT	EGRETS	W. PEL	
Koekuk - N.	1,900	30	450		80	1,200	150	40	46,000	11,000	6,900	1,700	1,300	500	450	150	30	40		71,920	250		50	300	115,000	10	3
Arthur Ref.	6,500	40	800	400	1,200	1,400	300	250	500	225	80		125							11,820				0	4,800		
Maroon-Ft. Med.	12,000	60	5,300	600	2,700	7,200	800	125	92,000	17,000	26,000	5,300	2,500	11,200	900	275	60	75		174,095	500		250	750	185,000	30	10
Ft. Med.-Dallas	5,400	30	1,200	250	1,200	3,600	375	75	6,500	1,200	1,400	350	650	175	275	50	25	25		22,780	175		125	300	26,000	15	5
Dallas-Burl.	7,200	35	1,600	150	600	2,400	500	125	3,600	900	850	225	500	125	80	80	30	25		19,025	500		350	850	17,000	5	8
Turkey Sl.	600	10				150			550	175										1,485				0	800		
Burl.-Oquaka	5,500	25	550	275	1,000	1,300	250	40	1,200	650	425	75	350	80	125	35	20			11,900	175		80	255	8,700		
Crystal Lk.	600	10	50		80	175	20		150											1,085				0	1,900		
Oquaka Ref.	2,200	25	175	80	350	500	175	60	175	100	30		40							3,910	80		25	105	3,300		
Oqu.-Keithsburg	4,300	40	400	250	900	1,200	350	75	1,500	450	325	75	400	175	75	40	15			10,570	1,200		400	1,600	6,500		8
Keithsburg Ref.	5,800	25	300	75	400	900	175	40	450	125	50			40		10				8,390	350		75	425	4,900		
New Boston	450	10	50		75	150		20	275	60	60		30	60	25	15	10			1,290	125		25	150	1,200		
Louisa Ref.	20,000	50	1,300	300	1,900	3,200	700	175	1,300	450	400	100	175	80	50	40	30			30,250	8,500		900	9,400	18,000		
Louisa-Musc.	2,900	20	400	75	500	1,200	175	40	850	300	275	150	450	100	150	75	60			7,720	600		350	950	4,400		4
Musc.-Moline	1,300	40	125	30	150	350	60		400	125	80	25	225	40	225	40				3,215	125		60	185	2,900		
Andalusia Ref.	650	25	50		80	175	25		175	50			40							1,270	25			25	1,300		
TOTAL UPPER	77,300	475	12,750	2,485	11,215	25,100	4,055	11,065	155,625	32,810	36,875	18,000	6,785	12,575	12,355	810	280	165		380,725	12,605	0	2,690	15,295	140,700	60	38
TOTAL LOWER	157,425	545	63,130	6,900	128,725	87,685	8,335	4,160	10,960	6,270	1,980	800	3,730	330	945	145	0	0		382,065	11,045	1,580	6,775	19,400	297,475	130	91
TOTAL	234,725	1,020	75,880	9,385	139,940	112,785	12,390	5,225	166,585	39,080	38,855	18,800	10,515	2,905	3,300	955	280	165		762,790	23,650	1,580	9,465	34,695	699,175	190	129



## VALLEY CENSUS DATA

DATE: October 28, 1965

## LOKER MISSISSIPPI VALLEY

LOCATION	MALLARD	BLK	PNT	BHT	GHT	WLG	GAD	SH	SCALP	RM	CNRB	RH	RDY	GLD	BH	C-MER	W-MER	OLDSD	TOTAL DUCKS	CG	S. CG	BASS	TOTAL G	COOT	EGRETS	W. PEL
Goddard	3,200	15	1,300	700	2,300	4,900	600	250	125	80			50		30				13,550	350		500	850	6,500		8
Stump	650	10	150	400	1,700	450	75	125	80	40			40		20				3,740				0	20,000		6
Flet, Shenn	19,000	45	9,500	800	4,600	13,000	1,200	500	4,500	3,200	650	200	600	80	75	30			57,980	1,200	75	800	2,075	54,000	12	16
Gilbert	1,200	10	600	250	900	1,000	225	80	275	50	20	20	75						4,705	1,900	200	250	2,350	2,700		
Grafton-Alton	175		50			60		15	100	60			15	5	10				490	15			15	1,600		3
Heger	9,500	25	2,700	400	1,900	4,900	450	175	200	75	30	15	40						20,410	125		50	175	10,000		
Marlas Temp	1,000	15	150	250	800	450	60	80	30										2,835	25		40	65	3,300		
Dardenne	42,000	80	29,000	900	4,200	32,000	1,800	600	700	450	175	60	450	30	100	15			112,560	1,300	350	900	2,550	67,000	50	18
Culture	14,000	35	4,500	400	2,900	7,000	600	350	275	80	80	40	175	10	30				30,475	150		50	200	24,000	10	
Batch Pool	2,600	15	275	250	600	375	100	400	850	325	175	80	475	35	75	10			6,640	800	175	450	1,425	15,000	25	10
Batch Ref.	3,100	15	900	350	1,000	1,300	250	75	150	50	30		40						7,260	75			75	2,500		
Gilbead	1,200	10	250	100	450	500	60	50	75	25									2,720	30			30	1,900		4
Canon Ref.	24,000	50	6,700	600	3,300	10,000	1,200	600	800	350	75	50	125	15	30				47,895	500	150	11,000	1,650	34,000		
Duck Club	800	10	250	150	400	400	75	30											2,115	125		30	155	1,200		
Calumet Ref.	2,700	25	500	350	700	900	150	100											5,425	75		50	125	1,500		
Sny Slough	25																		25				0	250		
Delair Ref.	1,500	10	30	150	350	175	60	20	325	150	40		80						2,890	2,700	400	1,500	4,600	2,000		
La.-Saver.	675	25	175	40	125	325	75	125	275	75	150	60	450		40	25			2,640	525	40	425	990	2,300	6	6
Sharks Ref.	27,000	60	5,600	300	1,000	8,500	800	250	150	60			60		25				43,805	25		125	150	25,000		
Saver.-Henn.	475	15	50	25	150	200	125	100	250	125	50	25	275	45	60	10			1,980	250	50		300	3,400		
Gardner Cl.	125					25													150				0	325		
Hannibal-Oulincy	850	30	175	250	600	350	225	60	525	450	125	75	80	20	150	15			3,980	125	40	80	245	4,600	10	
Quincy-Meyer	425	10	125	80	375	475	80	125	300	175	80	50	250	60	75	25			2,710	500	75	375	950	5,700		8
Gardner Ref.	500	10		30	125	75			125	75									940				0	500		
Meyer-Keeok	725	25	150	125	250	325	125	50	850	375	300	125	450	30	225	15			4,145	250	25	150	425	8,200	17	12
TOTAL LOKER	157,425	545	163,130	6,900	128,725	87,685	8,335	14,160	10,960	6,270	1,980	800	3,750	350	945	145	0	0	382,065	11,045	1,580	6,775	19,400	297,475	130	91

## WATERFOWL CENSUS DATA

DATE: November 4, 1985

## UPPER ILLINOIS VALLEY

Robert Crampton

LOCATION	MALLARD	BLK	PNT	BUT	GAIT	WIG	GAO	SH	SCAMP	RH	CWVB	RH	ROY	GLD	BH	C. MERRILL	M. [RB. M.]	TOT. DUCK	CG	SM. CG	GT. CG	B&SG	TOTAL G	COOT	EGG	PREL
Turner Lk.	125	5																140					0	175		
Dennis, Spring	550	15	75		60	150		10	125	50				15			1,040					0	325			
Colman																										
Bureau Ponds	800	20	80		75	275	30		60	30			15				1,385	60				60	500			
	60																60					0	40			
Goose Pond	32,000	675	1,800	250	1,000	3,400	600	150	3,400	900	450	175	600	500	450	100	50	40	46,540	5,300	400		1,600	7,300	11,000	5
Senneshine	12,000	150	450	80	650	1,200	250	60	1,500	450	325	200	450	325	275	150	20	25	18,560	1,800	150		450	2,400	6,500	3
Stebold	850	15	80	40	275	400	80		225	75			60	40	40	15			2,195	50				50	650	
Sawmill	375	10	30		40	125		15	60	30			10					695					0	175		
Billisbach	800	20	60		125	150			750	250	80		30	50	50	25	10		2,400	20				20	400	
Wells Lk.	75				100	30			150	60				25					440	125			50	175	150	
Spartan	40								30									70					0	75		
Wrightman	25								50				10	10					95				0	125		
Sawyer	450	15		30	175	80			75	30				5				860	15				15	250		
Hitchcock	26,000	350	350		200	700	150		700	275	150	60	100	75	50	50	25		29,235	300	75		150	525	800	
Round Pond	2,900	25	125		75	250	40		175	100	60	50	50	40	20	20		3,930	60			30	90	250		
Meadow	50	5							25									80					0	60		
Rice Pond	22,000	350	2,500	150	700	4,200	400	75	1,600	450	375	150	450	225	125	80	30		33,860	800	250	200	350	1,600	6,800	2
Goose Pond	6,500	30				450			900	675	250	60	200	200	80	75	25		9,445	250	40	75	150	515	2,700	
Upper Peoria	18,000	150	600		150	1,800	150	40	4,500	1,800	750	350	500	575	375	125	40	35	29,940	1,200	300	250	450	2,200	4,500	
Lower Peoria	600	15	75		60	275			500	250	175	75	150	125	125	60	10		2,495	350			175	605	1,200	
Pekin Lk.	1,700	75	250	200	800	750	75	80	375	125	80	40	100	60	40	25	20		4,795	175		50	150	375	500	
Peaerton Lk.	2,400	35	80	60	275	425	50		425	175	125	60	250	200	325	80	35	50	5,050	375	80	150	225	830	4,800	
TOTAL UPPER	128,300	1,960	6,555	810	4,760	14,660	1,825	430	15,625	5,725	2,820	1,220	2,975	2,470	11,955	805	245	170	193,310	10,880	1,295	805	3,780	16,760	41,975	0
TOTAL LOWER	253,105	905	28,765	12,900	16,350	47,785	5,555	1,480	18,780	6,805	3,195	1,245	4,810	4,405	3,320	1,075	400	225	140,105	11,405	1,740	1,945	14,065	29,155	228,425	80
TOTAL	381,405	2,865	35,320	3,710	21,110	62,445	7,380	1,910	34,405	12,530	6,015	2,465	7,785	6,875	15,275	1,880	645	395	594,415	22,285	3,035	2,750	17,845	45,915	270,400	80

## WATERFOWL CENSUS DATA

DATE: November 4, 1985

LOKER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PIF	BUT	GAT	WIG	GAD	SH	SCAUP	RM	CHVB	RH	ROY	GLD	BH	C.MERG	H.M.	RB.M	TOT. DUCK	CG	SM.CG	GT.CG	BASSG	TOTAL G	COOT	EGG PEL
Spoon Riv. Bins.	1,200	15	60	150	400	275		80	200	75									2,455	1,200	300	40	1,800	3,340	400	10 15
Spring Lk.	3,600	15	200	80	325	450	60	10	175	40			20	80	25	15	20	5,140	80			30	110	15,000		
Rice Lk.	4,800	20	125	100	650	600	125	30	500	250	50	20	60	40	50	15	10	7,445	50			15	60	125	16,000	
Barner C. Lk.	500	5	30			150			250	80	30	40	100	40	50	25	30	1,330	75	40	450	150	715	600	5 10	
Barner Mine	1,200	15	250	60	275	400	60	50	150	50	15		20		30			2,575	150	75	600	250	1,075	2,400	18 4	
Big Lk.	49,000	150	2,700	150	900	3,200	350	80	2,600	800	350	75	250	200	75	80	20	25	61,005	900	150	250	900	2,200	12,000	6
Goose Lk.	900	10	80	50	200	125	20	30	30									1,445					0	400		
Clear Lk.	43,000	100	8,500	200	1,200	10,000	800	250	4,400	1,300	400	150	1,100	750	650	150	40	40	73,030	1,500	200	150	1,600	3,450	28,000	8 5
Chautauque	34,000	85	1,800	100	1,900	5,300	1,000	150	3,000	1,100	650	300	800	900	1,000	275	60	25	52,445	2,400	350	300	2,500	5,550	44,000	10 7
Quiver Cr.	2,400	25	300	125	650	900	125	40	80	30									4,675	600	75	40	1,200	1,915	2,500	4
Quiver Lk.	80				75				50	50				5					260					0	150	
Bath Lk.	600	15	125	80	350	300	40	15	350	150			40	10	25				2,100	30				30	700	
Grass Lk.	6,200	30	450		50	1,200	150	30	400	225	100	30	80	80	75	20	10		9,130	20				20	3,200	
Anderson	1,700	15	225	200	800	600	30	15	150	60			25	15	30				3,865					0	8,000	
Moscow	450	5	150	50	175	400	25	10	40	20				5					1,330					0	500	
Jack Lk.	19,000	60	800	175	700	2,800	500	60	2,800	1,000	350	150	600	600	400	100	60	40	30,195	500	50		450	1,000	24,000	
Snlicarte	800	10	40	80	200	150		30											1,310					0	600	
Ingram Lk.	550	5	25		75	60													715					0	800	
Stewart	150			30	100														280					0	250	
Crane Lk.	38,000	125	5,700	250	1,900	7,000	800	125	1,700	800	550	225	900	700	600	150	75	30	59,630	900	100		1,500	2,500	32,000	4
Cuba Is.	20,000	60	3,000	400	2,500	6,500	650	80	600	250	175	50	300	250	125	80	25		35,045	1,500	150	100	2,500	4,250	19,000	8 2
Chain Lk.	2,400	15	350	75	500	500	30	10	30										3,910					0	1,400	2
Saugamon	6,500	30	1,200	175	800	2,100	150	100	450	175	200	80	75	40	30	15			12,120	700	175		900	1,775	4,500	10 10
Treadway	12,000	50	2,300	80	350	3,900	600	50	275	125	150	40	200	75	40	30	10		20,275	150			50	200	3,000	
Muscooten	25													30		10			65					0	250	
Big Prairie	500	15	50	100	550	175		80											1,470	400	50			450	650	3
Meredosia	3,300	30	275	150	650	700	40	125	550	225	175	125	300	525	125	75	50	15	7,435	250	25		175	450	7,800	7
Smith Lk.	250		30	40	75			30											425					0	325	
TOTAL LOWER	253,105	905	128,765	2,900	16,350	47,785	15,555	1,480	18,780	6,805	3,195	1,245	4,810	4,405	3,320	1,075	400	225	140,105	11,405	1,740	1,945	14,065	29,155	228,425	80 68

## WESTFORD, CENSUS DATA

DATE: November 4, 1985

UPPER MISSISSIPPI VALLEY

LOCATION	WALLARD	BLK	PMT	BUT	GAT	UG	GAD	SH	SCAMP	RH	CMB	RH	ROY	GLD	BH	C-MER	H-MER	RH-MER	TOT. DUCKS	CG	SH-CG	BASSG	TOTAL G	COOT	EGRT	W. PEL
Keebick - M.	1,300	25	250		300	800	75		42,000	10,000	15,000	2,700	1,500	1,700	1,900	600	75	100	85,325	400		175	575	45,000	3	
Arthur Ref.	4,700	80	175	80	450	650	80	40	500	150			50				10		6,965				0	1,700		
Newport Ft. Mad.	8,200	60	2,900	100	1,200	4,300	400	75	133,000	24,000	34,000	7,500	2,300	2,800	2,800	900	125	125	224,785	600		300	900	78,000	14	
Ft. Mad.-Dallas	5,700	40	900	150	700	1,600	250	50	8,200	1,900	2,300	800	500	875	450	150	40	30	24,635	350		80	430	3,500	6	
Dallas-Burl.	6,800	125	525	50	450	1,200	300	60	4,800	1,400	1,500	525	275	650	275	125	25	40	19,125	180		150	330	2,600		
Turkey St.	450	15				40			75	30			20	15					645				0	175		
Burl.-Oquawka	3,400	50	450	75	600	800	175	25	3,600	850	825	275	350	425	525	75	60		12,560	475		225	700	2,200		
Crystal Lk.	500	10	40		60	125	10		60	20									825				0	600		
Oquawka Ref.	1,000	25	50		100	225	30		40								15		1,485	25			25	350		
Oqu.-Keithsburg	5,500	35	275	150	800	675	75	50	3,200	900	750	325	575	350	175	80	30	15	13,960	800		250	1,050	1,800	5	
Keithsburg R.	6,300	40	175	60	250	500	50	20	350	75			75	40	25	10			7,970	125		35	160	1,000		
New Boston	500	10				50			475	125	60			10	10				1,240	150		25	175	450		
Louisa Ref.	8,600	80	425	50	250	900	80	50	600	250	75	30	150	50	125	35	20		11,770	10,000		300	10,300	2,900		
Louisa-Musc.	2,700	50	80	50	175	225	40	15	325	175	125	75	100	375	80	80	50	20	4,740	900		150	1,050	1,300		
Musc.-Moline	1,400	25	150		200	450	100		550	225	175	60	175	425	150	125	35	35	4,280	325		275	600	1,000	6	
Andalusia Ref.	1,200	25	75			325	25		80	50				30		15			1,825	50			50	450		
TOTAL UPPER	58,250	695	6,470	765	5,535	12,865	11,690	385	204,855	40,150	54,810	12,290	6,070	7,745	6,515	2,195	485	365	422,135	14,380	0	1,965	16,345	143,025	0	34
TOTAL LOWER	161,520	2,635	65,100	2,995	18,290	57,205	5,800	3,075	14,845	6,105	2,815	1,435	3,315	1,535	2,330	600	260	195	350,055	8,535	1,350	18,270	28,155	107,825	35	29
TOTAL	219,770	3,330	71,570	3,760	23,825	70,070	17,490	3,460	219,700	46,255	57,625	13,725	9,385	9,280	8,845	2,795	745	560	772,190	22,915	1,350	20,235	44,500	250,850	35	63

## WATERFOUL CENSUS DATA

DATE: November 4, 1985

**LOWER MISSISSIPPI VALLEY**

LOCATION	MALLARD	BLK	PMT	BRT	GRT	VLG	GAO	SH	SCALP	RN	CNVB	RH	RDY	GLD	BR	C-MERG	H-MER	RB-MER	TOT. DUCKS	CG	SM-CG	BASG	TOTAL G	COOT	EGRT	M-PEL
Goddard Stump	2,700	20	550	250	800	1,200	175	80	150	60				35		15			6,035	450	50	275	775	4,300		
	850	15	200	325	1,100	350	80	125	30										3,075	40			40	7,200		
Flat, Swan Gilbert	14,000	250	7,800	450	2,900	8,400	650	375	3,900	1,800	550	150	650	175	650	60	40	25	42,825	1,400	400	800	2,600	16,000	6	
	1,500	20	450	125	800	900	75	125	150	40	40		10	30	30				4,265	600		150	750	1,500	4	
Grafton-Alton Hager	275	5	30		100	225			50	25			10	40	20	10	20		790				0	1,200		
	8,700	60	1,300	50	350	1,800	350	40	450	175	80	30	125	25	150	15	20		13,720	25			25	6,500		
Maries Temp Dardenne	1,300	10	225	80	400	500	30	60	40										2,645				0	2,300		
	58,000	11,200	34,000	400	3,500	20,000	12,300	700	1,800	600	250	350	500	80	375	30	40		124,125	1,300	250	8,500	10,050	25,000	9	
Culvre Batch Pool	25,000	350	6,500	150	1,700	6,500	600	250	700	250	80	80	175	30	80	15	15		40,475	100			100	11,000	2	
	3,600	35	1,300	125	1,200	1,900	125	325	1,500	550	275	175	350	275	275	125	40	40	12,215	325		450	775	2,600	3	
Batch Ref. Gilbert	2,200	25	450	75	300	575	80	40	500	175	60	15	30	10	30				4,565	350	75	50	475	1,300		
	800	10	175	40	175	150	30	80	125	40			5	15					1,645	60		25	85	2,700		
Canon Ref. Duck Club	13,000	125	4,600	350	1,800	5,500	400	350	475	225	75	80	100	20	50	5			27,155	800	150	500	1,450	10,000		
	1,000	10	225	40	150	300	60	40	50	25									1,900	75		50	125	700		
Calumet Ref. Sny Slough	850	25	75	75	250	150	30	60											1,515				0	400		
	40																		40				0	225		
Delair Ref. La.-Sever.	2,900	15	80		125	250	75	40	1,000	375	125	50	250	25	40	10			5,360	1,800	300	6,700	8,800	1,200		
	625	25	150	60	275	325	40	25	675	525	275	125	125	150	225	65	25	20	3,735	350	25	425	800	1,900	5	
Shanks Ref. Sever.-Hann.	25,000	300	6,400	250	1,500	7,200	600	250	450	175	80	30	125	30	80	15	25		40,405	75		30	105	7,500		
	850	35	375	75	350	450	35	15	300	125	175	60	250	125	80	45	35		3,405	225	40	75	340	1,200		
Gardner Cl. Hamibal -Quincy	80					30													110				0	250		
	425	15	40		60	125	10	30	115	60	25		100	25	35			15	1,080	60		30	90	525		
Quincy-Meyer Gardner Ref.	800	45	60	25	175	250	30	10	425	200	150	40	75	50	50	15	15		2,415	125		60	185	850	13	
	400	5			80	75		40	60	30									690				0	175		
Meyer-Keeokuk	625	35	115	50	200	50	25	15	1,900	650	575	250	450	425	225	175	40	60	5,865	375	60	150	585	1,300	7	
																									10	
TOTAL LOWER	161,520	12,635	65,100	2,995	18,290	57,205	15,800	3,075	14,845	6,105	2,815	1,435	3,315	1,535	12,330	600	260	195	350,055	8,535	1,350	18,270	28,155	107,825	35	
																									29	

## WATERFOWL CENSUS DATA

DATE: November 20, 1985

River above flood stage

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	W/G	GAD	SH	SCAMP	RM	CNVR	RH	RDY	GLD	BH	C-MERG	H-MER	RB-MER	TOTAL DUCKS	CG	GT-CG	BASG	TOTAL G	COOT	
Turner Lk.	115	10												15		10			150				0		
Deque, Spring	450	20				80			325	150				30		15			1,070				0		
Coleman	600	30				125			80	30				50		20	15		950				0		
Bureau Ponds	25																		25				0		
Goose Pond	38,000	800	250		200	1,500	150		1,300	600	350	125	400	850	550	275	60	80	45,490	16,000			2,800	18,800	250
Senachwine	24,000	400	125		125	800	75		850	275	200	80	250	450	275	150	30	30	28,115	4,800			1,200	6,000	100
Stebold	1,400	40	60			125			125	80				75		20			1,925	150			150		
Sawmill	725	20	20			75			40					30		10			920				0		
Billbach	450	15							675	200	80		15	60		30			1,525	50			25	75	
Wets Lk.	80	5							60	20									165	75			40	115	
Spartan	30								40					15					85				0	0	
Wightman	15													30		5			50				0	0	
Sawyer	275	10				40			80	40				50		15			510				0		
Hitchcock	3,500	40			80	80			250	80				60		20			4,110	3,700			700	4,400	
Round Pond	1,200	20	80		25	175			75	40				40					1,655	50			50		
Meadow	30													10					40				0		
Rice Pond	8,500	150	500		175	1,000	80		650	275	100		40	80	40	40	25		11,655	350	75	60	485	125	
Goose Pond	3,400	60				150			900	375	250	50	125	400	175	125		40	6,050	700		350	1,050	40	
Upper Peoria	16,000	250	175			400			1,600	500	625	125	350	900	375	275	60	75	21,710	3,900	175	525	4,600	100	
Lower Peoria	800	40			80	125	30		650	250	175	40	125	175	80	80	25		2,675	225	50	150	425	25	
Pekin Lk.	1,400	25	40		100	175			80	30				25	20	10			1,905	30			30	60	
Poweron Lk.	3,700	60	100		225	450	50		475	175	225	60	75	650	200	225	50	90	6,810	1,800	250	650	2,700	375	
Hackshaw R. 8tms	9,300	175	650		75	1,200	75		1,000	450	150		30	40	25	15			13,535	6,500	1,400	400	8,300	50	
TOTAL UPPER	113,995	2,170	2,000	75	1,360	6,500	460	0	9,255	3,570	2,155	480	1,410	4,035	1,740	1,340	265	315	151,125	38,330	1,950	6,900	47,180	1,125	
TOTAL LOWER	230,320	4,240	6,905	1,255	6,980	15,515	1,245	435	19,880	16,420	2,565	705	1,650	5,590	1,955	2,185	405	285	308,535	38,325	1,815	19,205	59,345	8,975	
TOTAL	344,315	6,410	8,905	1,330	8,340	22,015	1,705	435	29,135	19,990	4,720	1,185	3,060	9,625	3,695	3,525	670	600	459,660	76,655	3,765	26,105	106,525	10,100	

WATERFOWL CENSUS DATA

DATE: November 20, 1985

River above flood stage

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	HALLAD	BLK	PMT	BMT	GHT	WIG	GAD	SH	SCARP	RM	CWB	RH	ROY	GLD	BH	C-MER	H-MER	RB-MER	TOTAL DUCKS	CG	GT-CG	BASG	TOTAL G	COOT
Manito Ditches	6,700	80	75	40	325	700	40												7,960	900	125	300	1,325	25
Spoon Riv. Bms.	28,000	400	1,200	175	1,300	1,800	150	80	2,300	750	500	150	250	75	50	30			37,210	6,300	600	4,500	11,400	600
Spring Lk.	4,500	75	200	50	275	450	100		400	150	40		20	50	40	40	30		6,420	450	80	150	680	300
Rice Lk.	7,800	150	75	80	400	600	40		750	80	60	25	75	275	50	75	25	30	10,590	250	200	400	850	150
Barner C. Lk.	80					25			40	25				15	25				210		150		150	
Barner Mine	1,200	10	40	60	200	150	30		125	25				10	10				1,860	50	250	125	425	60
Big Lk.	11,000	250				125	20		600	225	100	40	40	125	80	60	25		12,690	1,000	125	600	1,725	800
Goose Lk.	700	10				60			80	40				15					905				0	30
Clear Lk.	19,000	350	150	75	350	900	80		800	250	80	20	150	800	450	750	40	50	24,295	350	75	250	675	450
Chautauque	8,000	150	80			175			1,100	325	275	80	350	11,100	600	375	60	80	12,750	1,800	150	900	2,850	650
Ouliver Cr.	3,400	60	175	80	200	400	60		75					10					4,450	250	60	125	435	125
Ouliver Lk.	40								30										80				0	40
Bath Lk.	600	15				80			125	40				25		5			890				0	50
Gross Lk.	1,100	20				125	20		175	50				40	30	20			1,580				0	175
Anderson	900	15				175			400	350			30	50	25	15			2,040				0	325
Moscow	175	5							60	25									265				0	250
Jack Lk.	9,500	175	100			350	40		1,200	275	75	30	200	850	60	225	60	40	13,180	475		80	555	500
Smicarte	10,000	250	350	40	175	750			275	80				20					11,940	250			250	80
Ingram Lk.	900	30							150	30				40		25			1,175				0	225
Stewart	150	5							60	20			50	700	80	175	40	25	10,755	900		550	1,450	600
Crane Lk.	7,500	125	250			625	60		700	275	50													
Cuba Is.	19,000	350	175			500	80		375	125	60		20	80	40	30	15		21,100	1,400		700	2,100	400
Chain Lk.	800	15				125			60	25									1,025				0	250
Sauganaw R. Bms	43,000	800	1,600	250	1,000	2,500	150	150	4,200	11,200	450	75	125	100	125	50			55,775	9,500		6,500	16,000	1,200
Treadway	4,800	125				125			250	60			30	25		5			5,420	175		25	200	150
Miscotlen	25								60	20				15					120				0	75
Big Prairie	14,000	250	450	100	600	1,200	80	75	1,300	350	125	40	60	125	80	60	30		18,925	3,700		1,800	5,500	600
Mercedia	17,000	300	600	125	400	1,000	50	40	1,900	650	350	125	200	875	100	175	25	60	23,975	1,200		750	1,950	400
Smith Lk.	450	15	60	80	250	275			40					15					1,165	375		125	500	60
Mercedia-Pearl	3,600	60	750	80	425	900	115	30	850	325	175	40		65	35	30	15		7,495	3,300		425	3,725	125
Pearl-Hardin	6,400	150	575	40	650	1,400	130	60	1,400	650	225	80	50	90	75	40	40		12,055	5,700		900	6,600	250
TOTAL LOWER	230,320	4,240	6,905	1,255	6,980	15,515	1,265	435	19,880	16,420	2,565	705	1,650	15,590	11,955	12,185	405	285	308,535	138,325	1,815	19,205	59,345	8,975

## WATERFOWL CENSUS DATA

DATE: November 20, 1985

River above flood stage

UPPER MISSISSIPPI VALLEY

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SH	SCAUP	RN	CMVB	RN	RDY	GLD	BH	C-MER	H-MER	RB-MER	TOTAL DUCKS	CG	BRSG	TOTAL G	COOT
Keeokuk - N.	800	30				150			19,000	6,300	126,000	5,500	1,800	2,400	1,800	850	175	150	64,955	400	150	550	2,300
Arthur Ref.	1,300	40			50	60			350	80									1,880			0	250
Hauvoe-Ft. Mad.	4,600	80	75	60	200	450	100		31,000	9,500	41,000	9,000	2,500	6,500	3,200	11,900	600	250	111,015	2,200	500	2,700	3,800
Ft. Mad.-Dallas	3,200	30		25	60	75			2,400	800	3,600	550	650	1,400	450	550	75	30	13,895	3,900	750	4,650	250
Dallas-Burl.	2,300	50	125		40	250	30		2,200	450	1,900	325	275	800	175	325	125		9,370	1,600	325	1,925	175
Turkey Sl.	225	15							150	20				25		10			445			0	40
Burl.-Oquaka	1,400	25	40			150			850	275	575	180	80	350	60	125	30	40	4,180	1,200	150	1,350	150
Crystal Lk.	60					25			40										125			0	25
Oquaka Ref.	9,500	175			25	100	25		250	60				40	25	15			10,215		80	80	80
Oqu.-Keithsburg	3,900	30	25			75			625	225	350	100	125	275	75	60	60		5,925	800	275	1,075	75
Keithsburg Ref.	12,000	250	80		50	500	40		175	80				60	40	25			13,300	275	40	315	150
New Boston	350	15				60			450	225	175		40	75	20	30			1,440	40		40	
Louisa Ref.	17,000	300	75			300			700	300	150	50	60	125	80	75	30		19,245	7,800	500	8,300	50
Louisa-Musc.	1,200	40				80			575	350	100	25	125	450	175	100	50	65	3,335	2,700	150	2,850	
Musc.-Moline	650	20							350	125	275	65	80	675	100	275		80	2,695	825	75	900	
Andalusia Ref.	250	15				40			60					20	10				395	30		30	
TOTAL UPPER	58,735	1,115	420	85	425	2,315	195	0	59,175	18,790	74,125	15,795	5,735	13,195	6,210	4,340	11,145	615	262,415	21,850	2,915	24,765	7,345
TOTAL LOWER	175,295	3,295	55,335	1,395	11,005	144,305	2,395	830	17,240	5,885	3,730	1,200	1,800	4,165	1,690	1,565	460	350	331,940	21,850	18,655	40,505	15,715
TOTAL	234,030	4,410	55,755	1,480	11,430	146,620	2,590	830	76,415	24,675	77,855	16,995	7,535	17,360	7,900	5,905	11,605	965	594,355	43,700	21,570	65,270	23,060



# INTERPOL CENSUS DATA

DATE: November 20, 1985

River above flood stage

LOWER MISSISSIPPI VALLEY

LOCATION	HALLARD	BLK	PNT	BUT	GAT	UIG	GAO	SH	SCAP	RM	CNVS	RH	RDY	GLD	BH	C-MER	H-MER	RB-MER	TOTAL DUCKS	CG	BRSG	TOTAL G	COOT
Goddard	6,000	125	350	100	700	900	60	75	1,200	350	175	50	60	80	80	60	30		10,395	3,500	750	4,250	400
Stump	900	10	80	75	250	300			60	30									1,705			0	375
Flat, Swan	13,000	200	800	150	1,300	1,600	200	60	1,900	500	350	125	175	100	175	40	40		20,715	1,800	600	2,400	1,500
Gilbert	600	15	60	40	125	250		15	75	30				10	15				1,235	150	75	225	200
Grafton-Alton	1,300	30				75			150	40	25		50	20					1,690			0	375
Heger	6,500	80	175			500	30		60	60									7,405			0	200
Hortas Temp	3,600	30	600	175	400	1,000	40	30	80	30				35	25	5			6,050	275	50	325	600
Dandene	49,000	1,000	25,000	300	2,500	18,000	800	250	900	350	200	80	80	250	175	100	75	20	99,080	2,700	4,300	7,000	4,800
Cutvire	21,000	400	16,000	150	1,200	10,000	350	175	500	275	125	50	150	175	80	75	40		50,745	450	275	725	2,500
Batch Pool	7,600	125	650	100	625	850	125	50	1,600	625	275	115	200	425	125	150	25	40	13,705	2,900	2,100	5,000	800
Batch Ref.	900	15	325			450	10		275	100	40		20	40	10				2,185	60	20	80	150
Gilled	450	30	60			225			80	40				15	10				910	40		40	350
Cannon Ref.	28,000	500	8,500	125	2,100	4,800	400	75	1,300	500	250	60	80	125	75	60	30		46,980	2,400	6,500	8,900	800
Duck Club	600	15	50	25	150	125	30		60	20				10					1,085	600	150	750	75
Calumet Ref.	1,100	30	60			80	15	10						15					1,370	25		25	125
Sny Slough	40																					0	60
Delair Ref.	2,200	15				100			800	225	150		40	80	25	30			3,665	2,600	2,300	4,900	80
La.-Sever.	1,200	25	275	30	225	450	40		1,000	425	375	115	150	475	150	180	40	60	5,215	1,500	625	2,125	325
Shanks Ref.	20,000	400	1,600	50	800	2,900	80	30	225	75	40		60	225	30	125		30	26,670	60	20	80	600
Sever.-Harr.	5,600	125	425			80	125	60	2,700	800	575	175	250	400	225	175	60	50	12,675	1,000	350	1,350	275
Gardner Cl.	80	5												15								0	40
Hannibal-Quincy	1,400	35	225	75	350	325	60		750	325	175	80	60	325	150	100	15	25	4,475	425	175	600	350
Quincy-Meyer	900	20	40		25	75			1,400	550	425	150	175	600	100	175	30	50	4,715	675	40	715	225
Gardner Ref.	625	40				125			325	60				20		5			1,200	40		40	60
Meyer-Kerkuk	2,700	25	60		100	325	30		1,800	475	550	200	250	725	250	275	75	75	7,915	650	325	975	450
TOTAL LOWER	175,295	3,295	55,335	1,395	11,005	44,305	2,395	830	17,240	5,885	3,730	1,200	1,800	4,165	1,690	1,565	460	350	331,940	21,850	18,655	40,505	15,715

## WATERFOWL CENSUS DATA

DATE: December 2, 1985

## UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BNT	GAT	WIG	GAO	SH	SCAMP	RH	CNVB	RH	ROT	GLD	BH	C.MERG	H.MER	RB.MER	TOTAL DUCKS	CG	SM.CG	GT.CG	BSSG	TOTAL G	COOT
Turner Lk.	125	10												25	15				175					0	
Deque, Spring	350	25							175	60				115	50				775	60				60	
Coleman	675	35				75			50					80	25				940	150				150	
Bureau Ponds	0																		0					0	
Goose Pond	12,500	250	80	60	450	525	60	40	375	125	100	40	175	800	125	225	80	40	16,050	16,000			550	16,550	900
Senshuine	4,400	80	40	25	200	250	25		125	60	40		75	450	50	150	30	20	6,020	4,200			175	4,375	550
Siebold	525	25				15			40					75	40				720	300			25	325	
Sawmill	250	10												50	15				325					0	
Billbach	175	5											40	125	15	40	10		410	150			50	200	
Wet's Lk.	50	10												60	25				145	30				30	
Spartan	15													20	5				40					0	
Wightman	25											10		75	35				145					0	
Sayer	450	15				20								115	50				650	50				50	
Hitchcock	6,700	150	75		225	475	115		325	125	80	20	60	100	35	40	15		8,540	1,400			450	1,850	625
Round Pond	650	20												60	30				760	250				250	
Meadow	15													40	10				65					0	
Rice Pond	7,300	150	125	80	550	600	75	30	80	40			30	350	20	125	30		9,585	800		150	275	1,225	850
Goose Pond	800	20												75	60	25		25	1,005	175		30	50	255	
Upper Peoria	19,000	350	200	40	325	675			450	200	375	80	250	800	225	250	60	40	23,320	1,000		275	375	1,650	1,600
Lower Peoria	450	25				60			125	60	60		30	175	50	40	20		1,095	250		50	80	380	375
Pekin Lk.	2,800	40	150	50	275	350	50	25	80	30				75	15	30			3,970	375		80	125	580	450
Powerton Lk.	6,500	200	80	125	400	900	175	75	300	80	125	50	80	600	150	200	50	75	10,165	800		175	550	1,525	1,400
Madison R. Btms	7,700	175	125	75	300	575	60	50	625	225	80	20	35	175	75	60	20	20	10,395	2,400		350	900	3,650	375
TOTAL UPPER	71,455	1,595	875	455	2,725	4,520	560	220	2,750	11,005	860	210	705	4,440	820	1,485	315	220	95,295	28,390	0	1,110	3,605	33,105	7,125
TOTAL LOWER	151,200	2,905	1,565	635	3,260	5,760	490	330	10,060	3,510	2,235	590	1,330	7,050	1,125	2,175	605	130	194,955	40,790	0	3,590	4,855	49,235	9,450
TOTAL	222,655	4,500	2,440	1,090	5,985	10,280	1,050	550	12,810	14,515	3,095	800	2,115	11,490	1,945	3,660	920	350	290,250	69,180	0	4,700	8,460	82,340	16,575

## WATERFOWL CENSUS DATA

DATE: December 2, 1985

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	WIG	GAD	SN	SCAUP	RN	CWB	RH	ROY	GLD	BH	C-MER	H-MER	R-MER	TOTAL DUCKS	CG	SM CG	GT CG	B&SG	TOTAL G	COOT
Manito Ditches	16,000	250	225	25	150	1,300	80	25	800	225	175	50	80	30	80	115	50		18,100	2,800		75	350	3,225	550
Spoon Riv. Bins.	28,000	500	250	150	400	650	60	50	200	75	50		40	80	25	30	20	15	31,985	8,700		350	600	9,650	1,200
Spring Lk.	4,400	80	125	60	475	125								80					5,800	1,400		450	275	2,125	1,600
Rice Lk.	3,700	60			100	40			125	40	20		30	450	30	90	40	25	4,750	125		100		225	125
Barner C. Lk.	8,500	125				250	40		150	60	40		60	125	15	40	10		9,415	400		1,600	150	2,150	450
Barner Mine	650	15			75	50			60	25			10	80	10	30	15	30	1,050	100		325		425	
Big Lk.	2,900	40				80			350	100	40	25	60	125	50	60	25		3,855	600		125	75	800	
Goose Lk.	175	10							75	30				40	15	15			360	50				50	
Clear Lk.	5,600	150				175			450	175	80	40	100	500	75	125	40		7,510	350		100	225	675	250
Chautauque	1,200	25				60			600	250	175	60	150	750	150	175	60	25	3,680	800		150	125	1,075	425
Quiver Cr.	1,900	60	80	60	200	125	50		50					40		15	25		2,605	450		225	300	975	375
Quiver Lk.	40													25		10			75					0	
Bath Lk.	275	10												50		15			350					0	
Grass Lk.	650	15							275	75			15	15					1,045	20				20	
Anderson	1,100	25			60	40			125	40			30	150		30			1,600	75			30	105	40
Moscow	150	5																	155					0	
Jack Lk.	1,400	30				40			1,200	450	275	80	150	550	125	175	40		4,515	250		30		280	60
Snicarte	450	15							250	60				75		30			880	80				80	
Ingram Lk.	700	10							75	30				250		60			1,125	15				15	
Stewart	60													40		10			110					0	
Crane Lk.	1,500	30	100		150	325	30	40	450	175	100	20	80	450	60	180	25		3,715	1,800			150	1,950	750
Cuba Is.	5,200	125	60		100	175			175	50	25		50	300		125	50		6,435	2,500		60	100	2,660	425
Chain Lk.	800	20												30					850					0	50
Sargamon R. Bins	39,000	700	350	150	500	800	80	75	1,900	650	375	75	150	650	125	200	80	35	45,895	11,000			750	11,750	1,400
Treeday	6,500	125				150			275	75	40			175	25	40			7,205	500			125	625	
Muscooten	25													50		15			90					0	125
Big Prairie	8,400	200	75			225			550	175	225	50	40	350	60	100	25		10,475	3,600			550	4,150	500
Meredosia	3,100	80	50	30	75	150			700	275	350	125	100	500	150	150	40		5,875	1,300			125	1,425	425
Smith Lk.	325	5				25								20					375	375				375	
Meredosia-Pearl	4,900	115	175	100	525	650	100	80	450	175	150	40	60	325	50	100	10		8,005	1,200		275	1,475	225	
Pearl-Mardin	3,800	80	75	60	450	325	50	60	775	300	115	25	125	475	80	225	50		7,070	2,300			650	2,950	475
TOTAL LOWER	151,200	12,905	1,565	635	3,260	5,760	490	330	10,060	3,510	2,235	590	1,330	7,050	1,125	2,175	605	130	194,955	40,790	0	3,590	4,855	49,235	9,450

## WATERFOOL CENSUS DATA

DATE: December 2, 1985

## UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	WALLABO	BLK	PNT	BUT	GUT	WIG	GAO	SH	SCAUP	RH	CNRB	RH	RDY	GLD	BH	C-MER	M-MER	RB-MER	TOTAL DUCKS	CG	SM.CG	GT.CG	B&SG	TOTAL G	COOT
Keeokuk - N.	150	15							1,400	350	1,800	325	250	2,400	900	550	100	80	8,320	75					75
Arthur Ref.	175	25												80		20			300						0
Navoo-Ft. Mad.	850	50							2,600	500	3,200	550	575	6,800	1,800	1,500	175	150	18,750	450					525
Ft. Mad.-Dallas	1,200	40	30			65			450	125	650	150	100	1,200	325	350	80	40	4,805	125					125
Dallas-Burl.	650	20							275	75	225	40	40	800	115	275	40	20	2,575	250			125		375
Turkey Sl.	125	10							75	40				150	15	40			455						0
Burl.-Oquaka	7,500	175	75			125			350	100	80		25	650	75	250	60		9,465	500			30		550
Crystal Lt.	35													75		25			135						0
Oquaka Ref.	375	35												150	15	50			625	250					250
Oqu.-Keithsburg	1,600	50				40			225	80	40		150	450	60	175	25	30	2,925	650			200		850
Keithsburg Ref.	700	25							50	20				150	20	40			1,005	125			25		150
New Boston	250	15							25					75		25			390	35					35
Louisa Ref.	325	25												175		50			575	1,500			150		1,650
Louisa-Musc.	575	40							175	50	50		25	450	50	125			1,540	450			25		475
Musc.-Moline	225	30							80	40	25		75	600	80	200	15	25	1,395	275			40		315
Andalusia Ref.	75	10												125		40			250	40					40
TOTAL UPPER	14,810	565	105	0	0	230	0	0	5,705	1,380	6,070	1,065	11,240	14,330	3,455	3,715	495	345	53,510	4,725	0	0	670		5,395
TOTAL LOWER	71,810	2,015	4,005	350	1,600	6,795	475	195	5,275	1,945	2,095	520	11,245	5,590	830	1,890	510	125	107,470	14,490	0	0	12,750		27,240
TOTAL	86,620	2,580	4,110	350	1,600	7,025	475	195	10,980	3,325	8,165	1,585	22,485	19,920	4,285	5,605	11,005	470	160,980	19,215	0	0	13,420		32,635

## WATERFOOT CENSUS DATA

DATE: December 2, 1985

## LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PMT	BUT	GAT	WIG	GAD	SH	SCAP	RN	CHVB	RH	ROY	GLD	BH	C-MERG	H-MER	RB-MER	TOTAL DUCKS	CG	SM-CG	GT-CG	BASSG	TOTAL G	COOT
Goodland	3,500	225	175		150	500	80	40	450	125	75		30	125	50	60	20		5,605	1,200			625	1,825	900
Stump	700	20	80		75	125	30		60					80		20	30		1,220	125				125	450
Flat, Shen	3,900	80	150	60	350	375	50	30	900	275	350	50	175	700	150	225	60		7,880	600			75	675	275
Gilbert	550	15				80			75	30				80		20			850	250			20	270	40
Grafton-Alton	225	20				30			80	20				175	15	60			625	300			50	350	60
Hager	625	15							25					100		40			805					0	
Marlas Temp	1,800	25	325		125	600	40		100	25				150		30			3,220	500			150	650	75
Dardenne	32,000	700	1,900	150	400	2,300	150	80	650	300	250	75	60	500	60	175	80		39,830	1,800			5,900	7,700	1,500
Culvre	11,000	250	750	40	175	900	75	35	225	80	40		20	225	20	80	30		13,945	450			175	625	400
Batch Pool	850	60	275		250	750	30	10	875	375	450	150	250	475	175	150	40	25	5,190	1,300			375	1,675	625
Batch Ref.	500	25	60			40			50	20				80		40			815	150			25	175	40
Gilead	900	40				80			25					150		60			1,255	30				30	
Cannon Ref.	1,500	30				50								100		25			1,705	400			3,300	3,700	60
Duck Club	225	5												15					245	60				60	
Calumet Ref.	115	5												10					130				0	0	
Sny Slough														20					20						
Delair Ref.	450	30												60		25			565	3,500			800	4,300	
La.-Saver.	1,300	40	60		75	250	20		625	250	350	80	175	425	80	175	50		3,955	1,200			450	1,650	250
Shanks Ref.	8,500	225	150			375			125	40			30	80	30	25	60		9,550	75			25	100	80
Saver.-Hann.	625	50				75			225	150	80		125	550	30	200	60		2,170	750			325	1,075	125
Gardner Cl.	20													15					35				80	0	
Hannibal-Quincy	450	35	30			60			150	60	125	25	80	325	50	115	25		1,530	325				405	375
Quincy-Meyer	700	20				80			375	115	250	100	175	450	125	125	40	40	2,595	450			150	600	150
Gardner Ref.	450	40							60	30				50		15			645	275				275	75
Meyer-Keokuk	925	60	50			125			200	50	125	40	125	650	75	225	75	60	2,785	750			225	975	325
TOTAL LOWER	71,810	12,015	4,005	450	1,600	6,795	475	195	5,275	1,945	2,095	520	1,245	5,590	830	1,890	510	125	107,070	14,490	0	0	12,750	27,260	5,805

## WATERFALL CENSUS DATA

DATE: December 12, 1985

## UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALARD	BLK	PNT	BUT	GHT	WIG	GAO	SH	SCALP	RH	CWB	RH	RDY	GLD	BH	C.MERG	H.MERG	RB.MERG	TOTAL DUCKS	CG	SM.CG	GT.CG	B&SG	TOTAL G	COOT	INTE[W.SMA]
Turner Lk.	125	10																								
Deque, Spring	7,800	175				225	125		150	50	80	30	30	850	40	275	30	80	9,940	1,200	150		150	1,500	40	7
Colman	850	25												175		40			1,090	475	40		35	550		
Bureau Ponds	0																		0				0			
Goose Pond	6,300	150	75		225	350	80		675	225	450	75	125	2,700	150	1,000	125	100	12,805	12,000	600		700	13,300	225	4
Senachwine	4,600	80	25		100	175	40		250	100	325	50	75	1,200	100	450	80	30	7,680	3,700	175		275	4,150	175	2
Stibold	150	10												250		50			460	450			80	530		
Sawmill	75													125		75			275	125				125		
Billstach	225	15												300		115	20	25	700	275	60		40	375	60	
Weis Lk.	30													40		10			80	75			15	90		
Spartland	80	5												125		40			250	40				40		
Wightman	15													50		10			75					0		
Sawyer	750	40							40					325	10	80	25		1,330	325			80	405		
Hitchcock	3,500	75							275	80	150	25	40	850		225	60	10	5,290	1,200	80		250	1,530	40	3
Round Pond	425	15												275		100	30	20	865	250			25	275		
Meadow	20													75		30			125	40				40		
Rice Pond	1,400	35							125	25				425		80	25	10	2,285	500			75	575		
Goose Pond	250	15							50	50				300		125	40	25	855	175	25		40	240		5
Upper Peoria	8,200	175	100			350	450	175	625	300	525	60	80	1,600	75	600	60	50	13,425	1,400	100	250	350	2,100	100	2
Lower Peoria	450	20							150	50	75		20	450		175	20	10	1,420	250			80	355	25	
Pekin Lk.	1,500	40	50			225	325	80	60		25			725		200	50	30	3,310	600	175	175	80	1,030	50	
Powerton Lk.	9,400	225	250			450	800	150	450	200	450	75	75	3,500	125	1,300	125	100	17,675	1,600	250	500	750	3,100	500	6
McKinaw R. Bms	1,800	40				80	225	25	125	60	125		30	800		125	25		3,460	650	125	150	275	1,200	60	
TOTAL UPPER	47,945	1,150	500	0	1,430	2,735	700	0	2,930	1,145	2,255	315	475	15,180	500	5,120	715	490	83,585	25,480	1,780	1,155	3,265	31,680	1,275	5
TOTAL LOWER	98,760	2,230	1,315	320	2,740	6,185	1,090	0	4,415	1,540	4,590	560	700	17,900	830	4,965	945	275	149,360	37,475	3,885	14,537	53,267	3,660	16	14
TOTAL	146,705	3,380	1,815	320	4,170	8,920	1,790	0	7,345	2,685	6,845	875	1,175	33,080	1,330	10,085	1,660	765	232,945	62,955	5,665	18,525	17,802	84,947	4,935	41

## WATERFOOL CENSUS DATA

DATE: December 12, 1985

LOWER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCAMP	RN	CWYB	RH	RDY	GLD	BN	C-MERG	H-MER	RB-MER	TOTAL DUCKS	CG	SM-CG	GT-CG	B&SG	TOTAL G	COOT	MUTE W-SM
Little Sis. Farm	450	40																	490	1,500	375	400	500	2,775		
Manito Ditches	12,000	225	60	25	250	900								125		25			13,610	3,400	250	150	225	4,025	650	
Spoon Riv. Brms.	17,000	350	175	50	375	450	250		675	250	900		80	2,800	60	900	75		24,390	6,600	300	11,300	450	8,650	400	3
Spring Lk.	325	30				100						125		125	25	60	20		810	400	40	80	60	580		
Rice Lk.	550	15				75													640					0		
Barner C. Lk.	6,700	150	100		40	650	60		100	40	35	10	75	650	75	175	75	15	8,950	600	30	3,200	250	4,080	300	4
Barner Mine	900	25	50		150	225			25					50	50				1,425					0		2
Big Lk.	1,400	40				175			80	30	60		40	400	20	125	50	25	2,420	250	50	125	100	525		
Goose Lk.	180	15									15		60	250	75	75	30		725	325	80	250	40	695		
Clear Lk.	3,300	75	60			40			50	50	80		30	2,600	150	850	125	50	7,460	900	175	375	250	1,700	60	5
Chautauque	1,000	40				80			125	25	25		75	1,300	100	375	60	40	3,245	1,200	225	225	50	1,700	150	
Quiver Cr.	7,500	175	115		125	575	100		60					125	30	40	25		8,870	3,100	300	450	375	4,225	600	
Quiver Lk.	30													275		50			355					0	75	
Negro Lk.	1,600	20				50	40							20	20				1,730	1,500	250	125	100	1,975	150	
Bath Lk.	150	10												100		20			280	300	25	60	80	465	25	2
Grass Lk.	60	5												250		60	15		390	75		20		95		
Anderson	100	5												325		75	20	15	540	50				50		
Moscow	75													60		20			155					0		
Jack Lk.	450	15											20	1,100	25	325	80	35	2,050	650	75	80		805	50	
Silicarte	725	25				30								125		30			935	275	60		75	410	125	
Ingram Lk.	125	10												350		80			565	150				150		
Stewart	40													60		20			120					0		
Crane Lk.	650	30												1,000		275	25	40	2,020	550	150	175	125	1,000		
Cuba Is.	1,200	40												250		75	40		1,605	800	100	80	30	1,010		
Chaffin Lk.	450	20												175		50			695	175	25			200		
Sangamon	21,000	425	275	80	450	625	300		1,100	325	1,400	250	30	2,300	30	450	75	20	29,135	7,800	450	200	750	9,200	350	9
Treadway	5,500	115	75			350			400	175	500	60	75	650		175	30	15	8,120	450	75			525		
Muscooten	25													80		25			130	25				25		
Big Prairie	800	25	125	50	600	475	75		375	80	325	40	125	1,500	125	25	100	20	1,845	500	125		12	637		
Mercedia	6,000	150												30		5			11,445	3,600	350		225	4,175	250	5
Smith Lk.	275	15			25	60	60		750	250	650	75							410	325	40	75	40	405		
Easton Ditches	3,900	60	75		150	400	60						30	275	40	80	40		4,645	550	60		175	860		
Mercedia-Pearl	1,700	30	125	75	325	550	125		225	115	225		60	475	25	125	60		3,960	625	125		375	1,000	125	
Pearl-Hardin	2,600	50	80	40	250	325	80		450	200	375								5,195	800	150			1,325	350	

## WATERFOOL CENSUS DATA

DATE: December 12, 1985

## UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	HALLARD	BLK	PMT	BUT	GUT	ULG	CAO	SH	SCAMP	RH	CHVB	RH	RDY	GLD	BH	C-MER	H-MER	RE-MER	TOTAL DUCKS	CG	SM.CG	GT.CG	BRSG	TOTAL G	COOT	EGRT	W.PEL
Kendrick - N.	125	25							650	100	1,000	175	150	2,900	150	700	80	100	6,155	400	50		60	510	125		
Arthur Ref.	75												250			60			385	25				25			
Navoo-Ft. Mod.	450	40							800	150	1,300	200	225	4,800	225	1,200	150	175	9,715	250	25		125	400	250		
Ft. Mod.-Dallas	1,400	30				25			150	40	250		50	3,600	75	850	50	80	6,600	125			40	165			
Dallas-Burl.	850	25							225	80	100		30	1,900	40	450	20	80	3,800	650			50	700			
Turkey St.	40													475		125	10	25	675	75				75			
Burl.-Oquawka	6,800	150				100			150	50	625	60	50	1,500	80	325	60	40	9,990	250	20		125	395			
Crystal Lk.	20													60		15			95	25				25			
Oquawka Ref.	1,900	30				30			75	25	80			250		60	25		2,475	425	40		200	665			
Oqu.-Keithsburg	850	20							125	60	225	40	20	800	115	225	40	60	2,580	275	60		50	385			
Keithsburg Ref.	800	15												450		80		10	1,355	60				60			
New Boston	40								60	30	150			325	40	115	10	50	820	80				80			
Louisa Ref.	125								0					300		75			625	50				50			
Louisa-Musc.	1,100	40							125	60	200	20	30	1,400	60	425	60	150	3,595	550	15		75	640			
Musc.-Moline	625	20							50	20	75		15	1,000	25	275		30	2,125	175	25		30	230			
Andalusia Ref.	30								40					200		75		5	310	50				50			
TOTAL UPPER	15,250	395	0	0	0	155	0	0	2,450	615	4,005	495	570	20,210	810	5,055	505	805	51,300	3,465	235	0	755	4,455	375	0	0
TOTAL LOWER	37,310	925	3,035	605	2,135	5,915	1,035	335	5,995	2,460	5,985	595	790	15,105	630	3,910	935	325	88,025	11,085	795	0	5,590	17,470	2,845	0	0
TOTAL	52,540	1,320	3,035	605	2,135	6,070	1,035	335	8,445	3,075	9,990	1,090	1,360	35,315	1,440	8,965	1,440	1,130	139,325	14,550	1,030	0	6,345	21,925	3,220	0	0



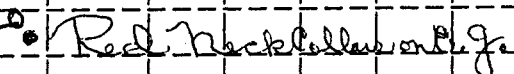
## WATERFOOT CENSUS DATA

DATE: December 12, 1985

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	HALLARD	BLK	PNT	BAT	GAT	WIG	GAD	SH	SCALP	RH	CHVB	RH	ROY	GLD	BH	C.MERG	H.MER	RB.MER	TOTAL DUCKS	CG	SM.CG	GT.CG	B&SG	TOTAL G	COOT	W.PEL	
Goddard Creek	6,200	150	275	75	325	650	80	30	450	225	625	80	25	375	40	100	60		9,765	1,000	80		450	1,530	225	3	
Stump Creek	1,300	25	80	40	150	400	125	50	175	80	350	30	30	450	20	175	40		3,520	1,500	125		1,100	2,725	300	1	
Flat, Shank Creek	4,800	80	250	60	400	650	250	75	1,300	450	1,200	125	80	1,900	80	450	125	30	12,305	2,200	150		1,400	3,750	550	4	
Gilbert	350	5				50	15							125		30	20		595	350			275	625	40		
Grafton-Alton	125	5																									
Hager	600	30				75								175		40			2,140	225			60	265	425		
Marlas Temp	450	20	80	30	175	250	50												1,170	75			20	95			
Dardene Creek	9,700	200	1,300	275	600	1,900	350	115	625	200	550	60	50	1,400	75	375	125		17,900	1,300	150		900	2,350	275	1	
Culvre	5,400	125	900	125	425	1,100	125	40	450	375	350		25	900		225	50		10,615	275			75	350	100		
Batch Pool	925	40	75		60	325	40	25	300	150	725	175	80	2,600	125	475	80	40	6,240	950	40		275	1,265	550		
Batch Ref.	500	15	50			175			250	60	125			450		125	30		1,780	350			40	390			
Gilead	175	10				30								225		75			515	30				30			
Cannon Ref.	650	15												150		50			865	125				125			
Duck Club	30																		30	20				20			
Calumet Ref.	60	15																	60					0			
Sry Slough	100													75		25			215					0			
Delair Ref.	50	40	25			250								200	75	60			310	450	75		75	600	125		
La.-Saver.	1,600													725	75	215	80	60	5,045	625	100		350	1,075			
Shanks Ref.	1,900	30												175		30			2,155	25				25			
Saver.-Harm.	325	25							20	225	150	275		450		100	15	15	1,600	150			40	190	50		
Gardner Cl.	20													30													
Hannibal-Quincy	900	50				60			450	80	125	30	50	850	40	225	100	80	3,040	375	25		225	625	80		
Quincy-Meyer	450	15							175	100	250		80	1,100	15	350	30	25	2,590	250			50	300			
Gardner Ref.	75	5												100		30			210	60				60			
Meyer-Keokuk	625	25							350	150	125	20	115	1,700	100	450	125	75	3,860	500	50		175	725	125		
TOTAL LOWER	37,310	925	3,035	605	2,135	5,915	1,035	335	5,995	2,460	5,985	595	790	15,105	630	3,910	925	325	88,025	11,085	795	0	15,590	17,470	2,845	0	
Red Neck Collar																											



## WATERFOOL CENSUS DATA

DATE: January 6, 1986

UPPER ILLINOIS VALLEY

Robert Crompton

LOCATION	MALLARD	BLK	PNT	BHT	GRT	WLG	GAD	SH	SCALP	RN	ONVB	RH	ROY	GLD	BH	C.MERG	H.MER	RB.MER	TOTAL	DUCKS	CG	SM.CG	GT.CG	B&SG	TOTAL G	COOT	MUTE SW
Turner Lk.	30																			30					0		
Deque, Spring	150	15												40		10				215					0		
Coleman	0																			0					0		
Bureau Ponds	0																			0					0		
Goose Pond	1,800	25												550		125	25			2,525	1,400	75		50	1,525		
Senachwine	450	10												150		80	40			730	650			30	680		
Stiebold	180	10												60		25				275					0		
Sawmill	650	40												125		50				865	125				125		
Billstsch	40													10						50					0		
Weis Lk.	0																			0					0		
Spartland	100	10												150		40				300	40				40		
Wightman	10													25		5				40					0		
Sawyer	30																			30					0		
Hitchcock	650	25												175		60				910	375				375		
Round Pond	80	15												20		15				130					0		
Meadow	0																			0					0		
Rice Pond	4,300	125												400		125	40			5,240	600	80	50	60	790		
Goose Pond	125	15												60		30				230	175				175		
Upper Peoria	1,300	35												900		225	60			2,520	250		100	25	375		
Lower Peoria	175	15												150		40				380	125		75		200		
Pekin Lk.	650	25												225		100	20			1,060	60		35		95		
Powerton Lk.	4,600	125												2,800		800	125			9,000	800	100	250	50	1,200	3	
Meckinaw R. Btms	2,300	50												250		60	20			2,790	400		125		525	1	
TOTAL UPPER	17,620	540	0	0	0	745	0	0	0	0	0	0	0	6,090	0	1,790	330	205		27,320	5,000	255	635	215	6,105	0	4
TOTAL LOWER	125,795	2,685	0	0	0	1,375	0	0	0	0	0	0	0	9,935	0	2,480	765	0		143,035	5,245	600	6,770	140	12,755	0	8
TOTAL	143,415	3,225	0	0	0	2,120	0	0	0	0	0	0	0	16,025	0	4,270	1,095	205		170,355	10,245	855	7,405	355	18,860	0	12

## WATERFOWL CENSUS DATA

DATE: January 6, 1986

## LOWER ILLINOIS VALLEY

Robert Crampton

LOCATION	MALLARD	BLK	PNT	BWT	GWT	W/G	GAD	SH	SCAP	RN	GNB	RH	RDY	GLD	BH	C-MER	H-MER	RB-MER	TOTAL DUCKS	CG	SM-CG	GT-CG	B&SG	TOTAL G	COOT	WATE SH
Easton Ditches	1,200	30				225													1,455	150				150		
Marble Ditches	6,500	125				500								60		10			7,195				425	425		
Spoon Riv. Bins.	1,400	35				50								375		80	40		1,980				750	750		1
Spring Lk.	250	5												15					270					0		
Rice Lk.	475	10												80		25	15		605				60	60		
Banner C. Lk.	2,800	50												900		225	60		4,035	300		3,500	50	3,850		5
Banner Mine	60													100		40	25		225			80		80		
Big Lk.	625	5												60		10			700			15		15		
Goose Lk.	300	15												125		50			490					0		
Clear Lk.	1,000	30												1,200		300	75		2,605	50		375		425		
Chautauque	750	20												500		80	20		1,370	10		125		135		2
Quiver Cr.	2,100	60				125								150		25	40		2,500	80		550		630		
Quiver Lk.	1,200	30												225		40	15		1,510			40		40		
Bath Lk.	275	5																	280					0		
Grass Lk.	50																		50					0		
Anderson	80	5												60		25	30		200			25		25		
Moscow	125	15												30		5			175					0		
Jack Lk.	525	10												350		80	15		980			50		50		
Snicarte	35																		35					0		
Ingram Lk.	275	5												125		30			435					0		
Stewart	800	30												375		100	50		1,355			75		75		
Crane Lk.	3,300	75												900		225	60		4,635			250		250		
Cuba Is.	69,000	1,300				75								1,600		450	125		72,725	2,500		400		3,430		
Chain Lk.	500	25												150		60	20		755	80				80		
Sanganon R. Bins	23,000	600				150								800		175	80		24,805	800		100		900		
Treadway	4,400	80												325		80			4,885	400		50		450		
Muscooten	40													80		15			135					0		
Big Prairie	2,600	45												250		60	20		2,975	250				250		
Meredosa	575	25												500		125	40		1,265	125				125		
Smith Lk.	80													25					105					0		
Meredosa-Pearl	825	20												225		75	10		1,155	175				175		
Pearl-Hardin	650	30												350		90	25		1,145	325				385		
TOTAL LOWER	125,795	2,685	0	0	0	1,375	0	0	0	0	0	0	0	9,935	0	2,480	765	0	143,035	5,245	600	6,770	140	12,755	0	8

## WATERFOWL CENSUS DATA

DATE: January 6, 1986

UPPER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	NALLARD	BLK	PNT	BUT	GUT	WIG	GAD	SH	SCALP	RM	CHVB	RH	RDY	GLD	BH	C-MER	H-MER	RB-MER	TOTAL DUCKS	CG	SM.CG	GT.CG	BASG	TOTAL G	COOT	MUTE SN
Keokuk - N.	50													650		175	60		935					0		
Arthur Ref.	0																		0					0		
Naumoo-Ft. Mad.	325	30									115			1,300		375	100		2,245	60				60		
Ft. Mad.-Dallas	575	15									30			825		225	30		1,700	80				80		
Dallas-Burl.	700	40												1,100		300	50		2,190	40				40		
Turkey Sl.	25													275		40			340					0		
Burl.-Oquawka	2,600	70												1,900		450	125		5,145	125				125		
Crystal Lk.	15													20		5			40					0		
Oquawka Ref.	60	15												10					85					0		
Oqu.-Keithsburg	850	25												1,200		250	25		2,350	50				50		
Keithsburg Ref.	400	15												50		10			475					0		
New Boston	75	5												275		40			395					0		
Louisa Ref.	30													15					45					0		
Louisa-Musc.	575	45												1,600		375	40		2,635					0		
Musc.-Moline	150	10												650		175			985					0		
Andalusia Ref.	40													175		20			235					0		
TOTAL UPPER	6,470	270	0	0	0	0	0	0	0	0	145	0	0	110,045	0	12,440	430	0	19,800	355	0	0	0	355	0	0
TOTAL LOWER	12,725	470	95	0	0	0	205	0	0	0	95	0	0	9,490	0	12,135	460	0	25,675	6,655	255	0	12,055	8,965	0	0
TOTAL	19,195	740	95	0	0	0	205	0	0	0	240	0	0	19,535	0	14,575	890	0	45,475	7,010	255	0	12,055	9,320	0	0

WATERFOOT CENSUS DATA

DATE: January 6, 1986

LOWER MISSISSIPPI VALLEY

Robert Crompton

LOCATION	WALLARD	BLK	PHT	BRT	GRT	VIG	GAD	SH	SCAP	RN	CNVB	RH	ROY	GLD	BA	C-MERG	M-MER	RB-MER	TOTAL DUCKS	CG	SM-CG	IG-CG	BSSG	TOTAL G	COOT	MUTE SW
Goddard Stamp	275 1,000	15 30												80 275	40 100	20 40			430 1,470	75 350				75 350		
Flat, Swan Gilbert	1,600 125	40 5									40			650 50	175 15	60			2,565 195	1,400 80	100		250 80	1,750 80		
Grafton-Alton Hager	550 225	25 5												650 75	150 30	20			1,395 335	125 40			125 40			
Marrias Temp Dardenne	425 1,500	15 40	75			150								20 400		115 30			460 2,310		350		1,200 1,550	0		
Quivre Batch Pool	650 900	20 30	20			30 25					30			125 875	30 175	10 40			885 2,075	80 475	30		15 40	95 545		
Batch Ref. Gilead	325 150	15 15												150 40	25 10				515 215	60 125			60 125	60 125		
Cannon Ref. Duck Club	50 450		20											5 60		10			55 540		80		0 80			
Calumet Ref. Sny Slough	30 15													25	5				30 45				0 0			
Delair Ref. La.-Saver.	600 325	40 25												250 1,100	80 250	20 60			990 1,760	1,800 650	75 50		350 125	2,225 825		
Shanks Ref. Saver.-Hann.	60 825	5 30												10 725		125 30			75 1,735		300		25 325	0		
Gardner Cl. Hannibal-Quincy	20 450		10											525	150	15			20 1,150	60			0 60			
Quincy-Meyer Gardner Ref. Meyer-Keokuk	325 1,200 650	20 50 15												1,300 300 1,800	250 75 325	40 30 75			1,935 1,625 2,865	375 150 80		50 150 80	425 150 80			
TOTAL LOWER	12,725	470	95	0	0	205	0	0	0	0	95	0	0	9,490	0	12,135	460	0	25,675	6,655	255	0	2,055	8,965	0	0

NOTES: One flock of 13 wild turkeys on Taylor Island (river mile 352)

## WATERFOOT CENSUS DATA

DATE: January 7, 1986

SOUTHERN

Robert Crompton

LOCATION	MA/LAND	BLK	PNT	BUT	GAT	VIG	GAD	SH	SCAP	RM	CNWB	RH	RDY	GLD	BH	C-MERG	H-MERG	R8-MERG	TOTAL DUCKS	CG	SM-CG	GT-CG	B&SG	TOTAL GEESE	COOT	WD
Clinton C. Lk. area	400	25												40						465	125				125	
Lk. Springfld. area	850	40												350		100			1,340	175				175		
Sanger, C Lk area	1,800	30												525		115	30		2,500	350				350		
Shelbyville Res.	275	20												80		20			395	0				0		
Newton C. Lk.	1,400	70												400		80	25		2,050	600				600	65	
Carlyle Res. Area	4,200	100												1,600		450	75		6,975	8,800			150	8,950		
Rend Lake Res.	Calculated by IDOC													1,300		325	50		3,275	2,700			100	2,800		
Baldwin C. Lk.	1,500	40																								
SUBTOTAL	10,425	325	0	0	0	385	0	0	0	0	300	0	0	4,295	0	1,090	180	0	17,000	12,750	0	0	250	13,000	65	0
Cape Gir.-Cairo	1,135	28	24		25	63			32	16	55			1,250		115	36		2,779	8,750			42	8,792	40	12
Gr. Tower-Cape Gir.	2,680	56	12			41			18		63			955		62	47		3,934	10,475			23	10,498		
Chester-Gr. Tower	985	19									18			705		53	24		1,804	1,125				1,125		
Ste. Ger-Chester	370	9												425		34			838	150				150		
Crys. City-Ste. G.	205	13												200		52			470	57			6	63		
Kims-Crys. City	135	8												115		25			283					0		
St. L-Kimswick	33	4												50		12			99					0		
Horsehoe Lk. (Stl.)	750	30												800		175	30		1,785	80				80		
SUBTOTAL	6,293	167	36	0	25	104	0	0	50	16	136	0	0	4,500	0	528	137	0	11,992	20,637	0	0	71	20,708	40	12
Evansville-Miss R	74	10												315		29	8		436	55				55		
Rt 154-Evansville	22	7												53		11			93					0		
New Athens-Rt 154	850	20												115		30	15		1,030	350			75	425		
Fayette-New Athens	45	5												10					60					0		
SUBTOTAL	991	42	0	0	0	0	0	0	0	0	0	0	0	493	0	70	23	0	1,619	405	0	0	75	480	0	0
TOTAL	17,709	534	36	0	25	489	0	0	50	16	436	0	0	9,288	0	1,688	340	0	30,611	33,792	0	0	396	34,188	105	12

NOTES: Miss. River open. 75% of birds in flooded fields adjacent to river.  
Heavy large traffic.

Prepared by:

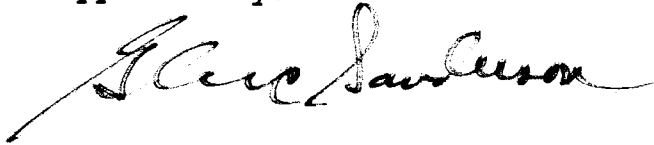
Stephen P. Havera

Associate Wildlife Specialist

Section of Wildlife Research

Date: 9 September 1986

Approved by:

A handwritten signature in cursive script, reading "Glen C. Sanderson". The signature is written in dark ink and is positioned below the "Approved by:" text.

Glen C. Sanderson, Head

Section of Wildlife Research

